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Warwickshire County Council.



ANNUAL REPORT

OF THE

COUNTY MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1955.

August, 1956.

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OFFICE OF THE COUNTY MEDICAL OFFICER OF HEALTH,
SHIRE HALL,
WARWICK.

To the Warwickshire County Council

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to report on the health of the County for the year 1955.

In some illnesses where the numbers for the County alone are too small to give significant results, we are collaborating in National surveys ; these are on the effect of Poliomyelitis Vaccine, the increase in Leukaemia and Malignant Disease in Children, and the Health of the Premature Child from Birth and Four Years.

The charts and figures for Tuberculosis should be watched carefully during this and the following years. As a result of intensive searching by various methods, including mass radiography, the annual number of new notifications has usually increased during the preceding years, but this was due to the intensive searching and not to an increase in the amount of disease.

In 1955, in spite of the fact that the population has been explored for cases of tuberculosis with great vigour, fewer cases have been found and this indicates the beginning of the real fall for which so many have been working.

1. Population. (Table 1).

The estimated population of the Administrative County at mid-year 1955 was 521,000, an increase of 12,000 from the mid-1954 estimate. As will be seen in Table 1, there was an increase in all the County areas except Rugby R.D. which shewed a decrease of 440.

During the last 50 years there has been a marked change in the age structure of the population in the country as a whole, as is shewn in the following figures :—

	1901	1954
No. under 15 years of age ...	32%	23%
Aged 15-64	63%	66%
65 and over	5%	11%

These trends, which also apply in this County, must be borne in mind when considering the health and welfare services of the community.

2. Adjusted Rate. (Tables 1, 2, 4A and 4B).

In order to take into account the differing age and sex constitution of the population, comparability factors are supplied by the Registrar General and crude birth and death-rates are adjusted in order to relate the National and Local Statistics. This is the adjustment referred to in our tables where birth and death rates are shewn.

3. Death Rate. (Tables 1, 2 and 3).

The death rate of 11.08 in 1955 shewed a slight increase from the 1954 rate of 10.51. The total number of deaths was 5,550 compared with 5,132 in 1954. In noting the crude deaths we must bear in mind the increase in the older age groups.

As will be seen from the mortality statistics table, the main causes of death were those due to Heart and Circulatory Diseases and Vascular Lesions of the Nervous System, and Cancer (Malignant Neoplasms).

The following individual causes of death in 1955 shewed an *increase* of more than 10 from the 1954 figures :—

<i>Males.</i>	<i>Deaths in</i> 1955 (1954 in brackets).	<i>Females.</i>	<i>Deaths in</i> 1955 (1954 in brackets).
Coronary Disease and Angina	483 (445)	Coronary Disease and Angina	278 (208)
Heart Disease (other than Hypertension and Coronary) ...	398 (350)	Heart Disease (other than Hypertension and Coronary) ...	492 (405)
Other Circulatory Diseases	111 (100)	Vascular lesions of N.S.	493 (437)
Pneumonia	172 (128)	Cancer—Unspecified Sites	229 (211)
Bronchitis	178 (128)	Pneumonia	137 (113)
		Bronchitis	80 (67)

There were decreases of more than 10 from the 1954 figures in the following :—

<i>Males.</i>	1955 (1954 in brackets).	<i>Females.</i>	1955 (1954 in brackets).
Hyperplasia of Pros- tate	33 (56)	Cancer of Stomach ...	40 (66)
		Cancer of Uterus ...	29 (49)

Deaths from Cancer and Tuberculosis are discussed in detail in paragraphs 4 and 14 respectively.

4. Deaths from Cancer. (Tables 4A and 4B).

The total deaths from Cancer (including Leukaemia) in 1955 numbered 953, a decrease of 19 on the 1954 figure of 972. For males there was a slight increase in all the main sites excepting Lung which has now remained stable for the last 3 years. For females, there was a decrease in all the main sites, the most noticeable being a decrease of 20 on the 1954 figure for Uterus.

At the present time one death in every six is certified to Cancer, and this steady increase over the years is, in the main, due to the better diagnostic facilities available and the fact of the ageing population bringing more people into the Cancer age-groups and therefore at risk. The number of deaths of course do not reflect the incidence of the disease except in such sites as Lung and Stomach. In so many groups there is a high recovery rate owing to the great strides forward that have been made in the treatment of the disease.

Lung cancer in males has been responsible for the highest increase rate in recent years and much has been written about the statistical relationship between cigarette smoking and Cancer of the Lung. There would also appear to be a relationship between the polluted air above industrial cities and Cancer of the Lung, and much research is continuing on these subjects.

Leukaemia is now classified with Cancer and it has been found that during the last 25 years the Leukaemia death rate in the country has nearly trebled. There is an abrupt increase in the risk of death between the ages of one and three years and this is mentioned in more detail in the paragraph relating to deaths in children aged 1-5 years.

It has also been noted that Leukaemia is a disease of the highly civilised peoples, the greatest incidence being found in the United States of America, followed by Denmark and then England and Wales.

5. Birth Rate. (Tables 1, 2, 5, 15. Diagram 1).

The overall live birth-rate for the Administrative County increased from 15.79 in 1954 to 16.13 in 1955. This was more in the region of the 1953 rate which was 16.3. On looking through the birth-rates by areas, it will be noticed that the lowest rate recorded was at Stratford-on-Avon M.B. of 12.58 which was a further decrease on the 1954 rate of 12.94. The highest rate recorded was at Bedworth U.D. of 18.35 and was an increase of the 1954 rate of 16.93.

Owing to the advances in medical science and the improvement in social conditions children now born in this country have an expectation of life of 67 years for males and 72 years for females. It is only just over a century ago that these figures were 40 years for males and 42 for females.

6. Illegitimate Birth Rate. (Table 5 and Diagram 2).

The number of illegitimate live births increased in 1955 to 364, compared with 311 in 1954. It was, however, a little lower than the 1953 figure of 371. The rates per 1,000 population were 0.70 in 1955, 0.61 in 1954 and 0.75 in 1953.

7. Stillbirths. (Tables 1, 2, 6, 11 and 15).

It was pleasing to see the decrease in the Stillbirth rate again this year to 20.74 from 22.28 in 1954. This has still not reached the record low level which was attained in 1952 when the rate was 18.16. Table 15 gives the five-yearly average Stillbirth Rate in County Districts and is mentioned in more detail in paragraph 10.

The causes of stillbirths have been analysed from the midwives reports and, as before, Congenital Malformations and Toxaemia of Pregnancy (with accidental ante partum haemorrhage) are the most important causes known.

Only in recent years has the problem of reducing the number of stillbirths received the attention it warrants. Detailed information is now being collected in the country as a whole in order to obtain sufficiently large numbers of cases which can be analysed, and so produce information which can be used to reduce this rate still further.

8. Premature Births. (Tables 7-10).

There was a slight decrease in the total number of premature births in 1955 to 639, compared with 643 in 1954 and the number of premature stillbirths was a little less, 84 compared with 91 in 1954. The percentage survival up to 28 days unfortunately decreased slightly from 86% in 1954 to 84% in 1955. The survival by birth-weight was fairly stable in 1954 and 1955 in the smaller weight groups, the biggest difference being surprisingly in the largest weight group, the percentage survival dropping from 97% in 1954 to 94% in 1955.

Studies which have been carried out in this country and in the U.S.A. have shewn that no medical cause can be found for about half the premature births, but of the known causes, toxæmia is pre-eminent. Much work goes on in trying to assess the biological and economic causes of premature births.

9. Infant Mortality (0-1 year). (Tables 1, 2, 3, 5, 12, 13, and 15).

The Infant Mortality rate was 24.39, a little higher than the 1954 rate of 23.25 which was the lowest yet recorded. The infant death rate of legitimate births was 23.88 and for illegitimate births 35.71.

The infant death rate is divided into two parts—one shewing the neo-natal deaths (that is deaths within first four weeks) and the deaths from 1 month to one year.

The neo-natal rate increased to 17.73 in 1955 from 16.29 in 1954, the deaths of infants from one month to one year remaining more or less the same as in previous years. The causes of neo-natal deaths have been analysed and Prematurity is the main cause accounting for 29% of these deaths, with Congenital Malformation next with 22%, and Asphyxia and Atelectasis with 16%.

On looking at the detailed causes of death in infants of one month to one year, it will be seen that Congenital Malformations accounted for 36% of the total. The deaths from Bronchitis and Pneumonia decreased considerably, being only half the 1954 figure, but the causes of death from misadventure were nearly doubled. Ten were due to Asphyxia caused either by inhalation of vomit (usually when asleep), swallowing a foreign body, or getting turned face downwards when in their cot; the other case was one of extensive burns.

10. Variations within the County of Birth and Death Rates. (Table 15).

The year to year rates on relatively small numbers are apt to shew a great deal of fluctuation, so once again the average birth and death rates have been calculated for the years 1951-55 in County Districts. A brief summary from the table is as follows :—

Live Birth Rate.

Those County Districts shewing a significantly *higher* birth rate than the average for the whole County were :—

Bedworth U.D.
Atherstone R.D.
Rugby R.D.
Meriden R.D.
Southam R.D.
Shipston-on-Stour R.D.
Stratford-on-Avon R.D.

Whilst those shewing a significantly *lower* live birth rate were :—

Rugby M.B.
Solihull M.B.
Stratford-on-Avon M.B.

Stillbirths.

No County District shewed a significantly higher stillbirth rate compared with the average for the whole County, but a significantly lower rate was recorded for Sutton Coldfield M.B. and Solihull M.B.

Infant Deaths.

Neo-natal.

Significantly lower rates were recorded for Alcester R.D. and Shipston-on-Stour R.D.

Infant Deaths—1 month to 1 year.

Significantly higher rates were noted for Bedworth U.D., Atherstone R.D. and Meriden R.D., and significantly lower ones for Sutton Coldfield M.B., Warwick M.B. and Stratford-on-Avon M.B.

Infant Deaths—0 to 1 year.

On combining all infant deaths under one year (neo-natal and 1 month—1 year) a significantly higher rate was shewn for Meriden R.D. *but* significantly lower rates for Sutton Coldfield M.B., Alcester R.D. and Shipston-on-Stour R.D.

Perinatal Mortality.

This rate which is a combination of the Stillbirths and Neo-Natal deaths, shewed a significantly lower rate for Sutton Coldfield M.B.

11. Deaths of Children aged 1-5 years. (Tables 3 and 14).

The deaths of children aged one to five years increased to 41 in 1955, compared with 23 in 1954, and 30 in 1953. In relating these to the number of children at risk in this age group the rate per 1,000 becomes 1.3 in 1955, which is nearly double the 1954 rate of .76. In 1953 the rate was .94.

On looking at the certified causes of death it will be seen that Malignant Neoplasms and Leukaemia accounted for 29% of the total, Bronchitis and Pneumonia for 15% and Congenital Malformations for 12%.

An abrupt increase in the number of deaths from Leukaemia between the ages of one and three years has been recorded and a survey has been organised by the Oxford Department of Social Medicine (sponsored by the Medical Research Council, The General Register Office and the Tata Memorial Trust) to look into this problem. Detailed information is being collected of all children under ten who have died of Leukaemia or Malignant Disease, and this County is co-operating in the scheme and we are hoping that useful information will be available at a later date.

12. Maternal Mortality. (Table 1).

There were 5 Maternal deaths during 1955. This rate remains fairly constant throughout the years for the County.

13. Uptake of Vitamin Products. (Table 51).

The average weekly issues of vitamin products increased slightly in most areas in 1955 compared with 1954. Issues were, however, still below those made prior to mid-1954, when distribution was carried out by the Ministry of Food.

In August, 1955, the Ministry of Health circulated all Local Health Authorities asking for observations and suggestions as to the possible causes of the nation wide decrease in the purchase of Orange Juice, Cod Liver Oil, Vitamin A and D tablets, and National Dried Milk. Enquiries were made throughout the County and certain observations forwarded to the Ministry.

The indications were that the Cod Liver Oil was unpopular because of the strong flavour and, in general, proprietary emulsions were considered more palatable. Proprietary brands of orange juice were also regarded as more palatable, but little thought appeared to be given by the purchasers to their relative vitamin content. The lack of descriptive literature and attractive presentation of the Vitamin Tablets again made them less popular than certain proprietary brands.

It would appear that more educational work is necessary to point out the vitamin content of the various Ministry products and to stress the need for a high vitamin content for children and nursing mothers. A little more attention should perhaps be given in making the products as palatable as possible and the presentation more attractive, as with the increased average income, minimum economy does not appear to be the main attraction.

14. Pulmonary Tuberculosis. (Tables 1, 32 to 40 and Diagrams 3, 4 and 5).

Numbers of new notifications.

The number of new notifications decreased in 1955 to 430 compared with 497 in 1954. This was most encouraging after the gradual increase which had taken place over the preceding three years. With the continuation of the combined efforts of the Mass Radiography Unit, the notification system in tracing sources of infection and the B.C.G. vaccination, it is hoped that further decreases will take place. The most notable decrease occurred in the North Eastern area—Nuneaton, Bedworth and Atherstone—where the figures were 100 in 1955 compared with 136 in 1954. Warwick M.B. shewed the largest increase, 23 in 1955 compared with 14 in 1954.

Age and sex distribution of new notifications.

The total of 430 was made up of 259 (60%) males and 171 (40%) females and their age distribution and rate per 1,000 population were as follows (1954 in brackets):—

Males.					Females.				
		No. new	Rate per				No. new	Rate per	
		notifi-	1,000 in each				notifi-	1,000 in each	
		cations.	age group.				cations.	age group.	
Under 25	...	74 (94)	0.8	(1.0)	70	(78)	0.8	(0.9)	
25-44	...	105 (114)	1.3	(1.5)	75	(74)	1.0	(1.0)	
45 & over	...	80 (106)	1.0	(1.4)	26	(31)	0.3	(0.4)	
		259 (314)					171 (183)		

The 1955 rates shewed a decrease from 1954 in all age groups excepting the 25-44 age-group for women which remained at the 1954 level. The highest rate occurred in men in the 25-44 age-group as in 1954.

Stage of disease at diagnosis.

Once again there were unfortunately a large number of unstaged cases, but for those cases where staging was obtainable, the distribution followed the same pattern as in 1954.

1954.			1955.		
No. new notifications.			No. new notifications.		
Stage I (Early)	...	201 (46%)	...	178 (46%)	
Stage II (Intermediate)	...	185 (42%)	...	152 (39%)	
Stage III (Late)	...	56 (12%)	...	59 (15%)	
442			...	389	

Table 34 gives a detailed analysis of the stage of disease at diagnosis by sex and age-group, and it will be noted, as in previous years, younger people are generally diagnosed in the earlier stages than older people. In the under 25 year age-group, 66% were diagnosed early and only 2% late, whilst in the over 45 age-group 27% were diagnosed early and 34% late.

Mass Radiography.

In 1955 the number of miniature examinations taken was 31,110, and 76 cases of pulmonary tuberculosis were detected. Owing to the Ministry returns being submitted in a different form, it was impossible to shew the numbers by sex and stage of disease. It is of interest to note that more cases were discovered in the 25 and under age group, 2.5 per 1,000 x-rayed in 1955, compared with 1.8 per 1,000 x-rayed in 1954.

A summary of the number x-rayed, the resulting tuberculosis notifications rates, and rate per 1,000, for the years 1953, 1954 and 1955 is as follows:—

					No. <i>x-rayed.</i>	No. of T.B. <i>cases found.</i>	Rate per 1,000 <i>x-rayed.</i>
1955	...	...	...	...	31,110	76	2.4
1954	...	...	...	...	15,904	92	5.8
1953	...	...	...	...	23,453	58	2.5

Deaths.

The number of deaths from pulmonary tuberculosis in 1955 was little different to the 1954 figure. There were 55 deaths in 1955 giving a rate of .11 per 1,000 population, compared with 52 in 1954 with a rate of .10 per 1,000 population.

B.C.G. Vaccination.

B.C.G. Vaccinations were again mainly given to child contacts of cases of tuberculosis, and 535 were vaccinated in 1955, compared with 367 in 1954. The total number who have been vaccinated up to the end of 1955 is 1,548 and it is hoped that this preventive measure will save many children from contracting the disease.

Variations within the County in the incidence of Pulmonary Tuberculosis.

On taking the average for the 5 years 1951-1955, the County Districts shewing significantly higher new notification rates than the average for the whole County were Nuneaton M.B., Bedworth U.D., Rugby M.B. and Warwick M.B.

Those shewing significantly lower rates were Sutton Coldfield M.B., Tamworth R.D., Solihull M.B., Stratford-on-Avon M.B. & R.D., and Shipston-on-Stour R.D.

15. Non-Pulmonary Tuberculosis. (Tables 1, 33, 37 and 38. Diagram 5).

The number of new notifications decreased during 1955 to 70 compared with 80 in 1954. The main decrease occurred in the Rugby M.B. & R.D. from 22 in 1954 to 10 in 1955.

An analysis by site showed the main decrease in the Lymph Gland group which decreased from 39 in 1954 to 14 in 1955. The main increase was recorded in cases of the Genito-Urinary Tract from 8 in 1954 to 15 in 1955. There were only slight variations in the other sites.

The mortality from all Non-Pulmonary Tuberculosis doubled from 6 cases in 1954 to 13 in 1955.

The investigation of the milk supply in all new notified cases of non-pulmonary tuberculosis continued in 1955.

When the average rates were taken for the years 1951-1955, the only County District showing a significantly higher new notification rate was Atherstone R.D. Significantly lower rates were shown for Solihull M.B. and Kenilworth U.D.

16. Milk and Dairies Administration.

During 1955 two further Specified Area Orders were brought into operation. These Orders included the Borough of Stratford-upon-Avon and the Rural Districts of Stratford-on-Avon, Alcester, Atherstone and Tamworth, under which only milk bearing a special designation may be sold by retail. The map on page 21 shows the specified areas which now cover approximately 82% of the population of the County.

Much detailed work continues to ensure hygienic standards and to reduce the incidence of tubercle infection. Routine samples of milk taken for biological examination numbered 670 in 1955, and of the 474 taken from non-designated sources, 18 showed positive results of tubercle infection. The number of samples taken in 1955 was lower than the 1954 figure of 760, which showed 19 positive results from 535 non-designated sources; this reduced number of samples was due to difficulties at the laboratory and certain unavoidable restrictions which had to be imposed due to epidemics in the animal-house. All positive results were followed up and 26 cows were slaughtered under the Tuberculosis Order during 1955.

Milk, which is supplied free to children in grant-aided schools, is arranged on a contract basis and is supplied only from designated milk suppliers. All such suppliers are inspected and samples taken at least once in every school term.

17. Smallpox and Smallpox Vaccination. (Tables 27, 28 and 29).

Once again there were no cases of smallpox notified in the County. The number of children under one who were vaccinated totalled 3,355, and this was the first time the figure had exceeded 3,000 although over 8,000 children are born annually.

It must be borne in mind that minor outbreaks still occur in this Country, and during the last 5 years nearly 200 cases were notified in England and Wales. Owing to the increasingly quick mode of transport, travellers from countries where smallpox epidemics are prevalent, can make the journey to this country well within the incubation period. In India alone, in the first 5 months of 1954, there were nearly 27,000 cases, 6,500 of whom died. Even though all possible precautions are taken at sea and air ports, it is also necessary to continue the vaccination of children as a routine measure and so ensure the maximum immunity.

18. Diphtheria and Diphtheria Immunisation. (Tables 24, 25, 29, 30 and Diagram 6).

For the fourth year in succession, there were no notified cases of diphtheria in the County. There were however 169 cases notified elsewhere in England and Wales, and in France where there is a comparable population, the figure was 2,155.

The total number of children in the County who completed a full course of primary immunisation decreased slightly in 1955 to 7,316, compared with 7,757 in 1954. At the present time, approximately 65% of the children have received a full course of primary immunisation, and 51% of the children over 5 years of age have received booster injections. These figures are shown graphically on page 22.

The Ministry of Health obtained details of 6 deaths from diphtheria which had occurred in children under 15 years of age in England and Wales in 1954 and it was found that none of them had been immunised.

The necessity for maintaining a high level of immunisation must be stressed once more, as we do not wish to return to the position of just over 10 years ago when the average number of diphtheria cases in England and Wales was in the region of 30,000 a year, and the number for Warwickshire well over 200 a year.

19. Whooping Cough and Whooping Cough Immunisation. (Tables 26, 29 and 30).

There was a decrease in the number of notified cases of whooping cough in 1955 to 1,037, compared with 1,080 in 1954. This was the lowest number recorded since 1947.

Children under school age accounted for 51% of the total notifications, and 9% of these were under the age of one year. There were 46% in the 5-9 age group, and 3% in the 10-14 age group.

Of the four deaths recorded in 1955, three were in infants under one year and there is no record of any of these children having been immunised. The comparable figures in 1954 were five deaths, one of which occurred in a child under one year. Of these five, three had no record of immunisation and no information was available about the other two.

There was a slight decrease in the number of children immunised in the County in 1955, the number being 5,927 compared with 5,940 in 1954. Of the children born in 1954, approx. 59% had been immunised by the end of 1955. As the disease is most dangerous during the first year of life, it is most desirable that children be immunised as early in life as possible.

Information as to whether a child had been immunised or not was obtained in 1,009 cases of the notifications. This revealed that only 54 (5%) of the cases had occurred in children who had previously been immunised.

20. Poliomyelitis. (Tables 29, 30, 31 and Diagram 7).

The number of cases notified in 1955 was 58, 36 of these being paralytic and 22 non-paralytic. This was a large increase on the 1954 figure of 9 and a large increase was recorded in the country as a whole.

Of the 36 paralytic cases 3 died, and of the remainder, just over 50% were known to have some residual paralysis of varying degree.

As mentioned last year, owing to the higher standards of hygiene, the disease in infancy is relatively rare in the western world, and therefore there is a lack of natural immunity. The only course open is the use of vaccine to give artificial immunity.

Following improved safety measures, at least 10 million children in the U.S.A. and over 1 million in Canada have now been vaccinated without a single mishap.

The British vaccine (a variant of the Salk vaccine) has been subjected to the most stringent safety tests and a limited amount has been available during 1956 to Local Authorities. Only children born in the years 1947-1954 have been considered, and the scheme has been entirely voluntary with written permission from parents or guardians obligatory. No vaccinations are being given between the end of June and November as this is the polio "danger period."

It is hoped that by next year accurate information will be available which will show the amount of protection given by this vaccine.

21. Venereal Disease. (Table 48).

There were 42 new cases of Syphilis treated at the Clinics during 1955, compared with 47 in 1954. The number of new Gonorrhoea cases treated numbered 51 in 1955 compared with 58 in 1954.

22. Other Infectious Diseases. (Tables 29 and 30).

Scarlet Fever.

The number of notifications again decreased in 1955, the figure being 436 compared with 524 in 1954.

Measles.

After a record low incidence of 1,010 in 1954, the lowest since 1946, the figure for 1955 jumped to 10,913. There were increases in all areas and one death was recorded.

Ophthalmia Neonatorum.

The 1955 figure of 27 showed a decrease of 11 on the 1954 total of 38. This is a disease of the newly-born and when neglected can cause blindness. No permanent damage to the eyes occurred in the cases notified.

Puerperal Pyrexia.

The 1955 figure of 155 shewed a decrease compared with the 1954 figure of 199.

Erysipelas.

The 1955 total was 43 compared with 65 in 1954. The use of the sulphonamides and penicillin has been of great value in the prevention and cure of such types of streptococcal infections.

23. Incidence of Blindness. (Table 49).

During 1955 there were 219 persons admitted to the register compared with 217 in 1954.

The number of cases which [on follow-up action] received treatment was 26 in 1955 compared with 69 in 1954.

24. New Claims for National Insurance Sickness Benefit. (Table 50).

Figures supplied by the Midland Regional Office are again given and shew the usual heavier seasonal claims in the March and December quarters.

25. Home Nursing. (Table 17).

County					
Population.			Cases attended.		Total Visits.
1948	...	474,670	...	7,951	181,291
1955	...	521,000	...	8,697	247,133
Staff Employed.					
District		District	Emergency	District	Total
Nurse/Midwives.		Nurses.	Nurses.	Nurse/Midwife/ Health Visitors.	Equivalent whole- time Home Nursing Duty.
1948	61	13	5	—	* 57
1955	64	11	3	22	* 68

* Part-time nurses are included as equivalent whole-time. This amounted to 4 in 1948 and 10 in 1955.

Since 1948 the population of the County has increased by 46,000 approximately 10%, and in the same period there has been an increase of home nursing staff of 19%. The total number of cases attended has increased from 7,951 to 8,697, just over 9%, but the total number of visits made has increased by 65,842, approximately 36%. In 1955, of the 8,697 patients attended, 2,480—29%—were for injections and for whom little or no nursing was necessary. Comparable figures for 1948 are not available but all concerned with the service are convinced that there is a very considerable increase in the number of injections given. Thus, there is a trend towards using nurses for giving more injections, and some decrease in the availability of nurses for other kinds of nursing work in the home.

Below is a detailed breakdown of cases attended in the Southern Area of the County which has a population of 58,810 and covers 281 square miles.

- 1 full-time general nurse.
- 8 district nurse/midwives.
- 5 district nurse/midwife/health visitors.
- 3 part-time district nurses.
- that is—17 persons (on 31st December), equal to 8 whole-time home nurses.

During 1955 patients were nursed as follows :—

- 29 tuberculosis, of whom 25 needed injections streptomycin only, 3 needed dressings and 1 general nursing care.
- 65 injections penicillin, without other nursing care.
- 63 injections various kinds, without other nursing care.
- 33 children under sixteen (including dressings to injuries, post-operative dressings to circumcision, feverish conditions, one attention to infant after convulsion but only one acute chest—compare about 15 years ago when a district nurse practically always had a succession of babies with pneumonia).
- 40 acute chest conditions.
- 51 simple enemas for constipation.
- 17 enemas for suspected intestinal obstruction.
- 39 persons needing dressings to injuries or sores.
- 34 dressings to post-operative wounds.
- 43 carcinoma—very ill patients.
- 24 patients needing daily injections insulin.
- 34 preparation for barium X-ray in hospital.
- 24 catheter specimens of urine procured for pathological examination.
- 38 infirm old persons needing weekly bed baths.
- 121 infirm old persons needing continued nursing care.
- 27 patients suffering from varicose ulcer.
- 65 patients needing nursing care after stroke.
- 79 other patients.
- 9 patients needing treatment for skin conditions (psoriasis, eczema, shingles).
- 11 patients needing bladder wash out regularly after operation.
- 24 patients needing supervision and advice only.
- 33 uterine condition—three monthly attention.

Of this number 476 (or 53%) were over 65 years and 33 (4%) under sixteen.

During the year in the Southern Area, 903 persons were visited 26,810 times. Of the 903 persons, 177 were for injections only. The Chest Physicians inform me that the cases being given streptomycin have injections varying from 30 to 70 per case with an average of 50. The average number injections for those given penicillin is approximately 3 and the 63 injections of various kinds have been taken as 2 each and the 24 diabetic cases as having one injection per day. This, in all, amounts to 10,331 injections. It will be seen therefore, of the total number of visits, just under 40% were purely for giving an injection, leaving only 60% of the other visits for home nursing.

26. Health of Children in Problem Families.

The systematic health visiting of families where there are children under 5, together with the routine activities of the School Health Service, brings to light the majority of homes which have become, or are on the way to becoming, problem families. Those families where deterioration of general standards is observed by the health visitors, are given more frequent visiting than the average family and many are given sufficient help during difficult periods to prevent a breakdown. Unfortunately, this help is sometimes insufficient and the parents, in particular the mother, need concentrated practical help and instruction. A Problem Family Worker is now employed, and during the year 1955 she visited 23 homes, mostly in the North-Eastern Area. There are families in other parts of the County where a Problem Family Worker is required and the appointment of a second one is under consideration.

There is no doubt that rehabilitation of a family in their own home is by far the most satisfactory method, although it may occasionally be desirable to arrange for a mother to have a special course of domestic training at one of the Homes which are organised for this purpose.

27. Child Welfare Centres. (Table page 44).

By the end of the year under review 100 Child Welfare Centres were operating in the County, compared with 96 at the end of 1954. These Centres provided a total of 297 sessions every month, an increase of 17 over the 1954 figure. Thirty-seven of these Centres are run by voluntary committees under the auspices of the County Council.

Children under one year of age made 73,461 attendances and those between one and five 30,137 attendances. The figures for 1954 were 71,265 and 30,229 respectively.

Twenty caravan welfare centres are in operation, 7 in the Central Area and 13 in the Southern Area of the County. These include one Army Barracks and two Royal Air Force Stations, where the County Council provide the Caravan and the Health Visitor, and the Services provide the Medical Officer.

28. Dental treatment for Expectant and Nursing Mothers and Pre-school Children. (Tables 21 and 22).

Treatment is provided by the Local Health Authority under section 22 of the National Health Service Act and the intention is that priority of treatment should be available to all expectant and nursing mothers and children under school age. In the seven years since the National Health Service came into being the volume of work carried out by the County Dental Officers has varied little. In the earlier years while there may have been a considerable demand for treatment our staff was so small that little treatment could be given and also very few fixed clinics were available. Since then an increase of staff and fixed clinics has made it possible to offer more treatment but the numbers of patients coming forward has not materially increased. The probable cause of this is the greater ease with which the general public is able to get appointments for treatment with general dental practitioners working under the National Health Service and it is natural that persons who have been patients of a general dental practitioner will wish to continue attending him. The patients for whom the Local Health Authority Service seeks to cater are those who do not have regular dental care and these are reluctant to take advantage of the dental service even when every effort is made to bring it to their notice and to provide an entirely free service. Examination of the figures in the table 21 show that of those who commence a course of treatment only a small proportion continue with it to achieve dental fitness. Over the six years recorded, of those mothers found to require treatment 68% accepted the offer and commenced treatment but of these only 48% completed the treatment advised by the Dental officer.

The figures for children under school age are much more encouraging. Of those examined, 95% were found to require treatment, 97% accepted treatment, of these 83% completed the treatment advised. The worst feature here is the very high proportion of teeth needing extraction to those which were filled or otherwise saved, 565 : 411. These are the figures for the whole County but if compared with the figures for two Residential Nurseries where a twice yearly inspection and treatment has been possible for some years it is found that only 10% of those examined needed treatment and here the number of teeth requiring extraction compared with the number filled or otherwise saved is 2 : 38. In these nurseries children are examined regularly from the age of 2 years and are thus with the minimum of operative work able to enter school with sound teeth. Most small children tolerate small amounts of dental treatment extremely well and an early start on regular inspection and treatment will probably render unnecessary an unpleasant experience of the extraction of a number of hopelessly decayed teeth. I would therefore urge on parents the great importance of seeking regular dental examination and treatment for children under school age as a sound primary dentition is the essential foundation of a sound set of permanent teeth.

29. Fluoridation of Water Supply.

As stated in my last report, certain Local Authorities are taking part in a survey to assess the dental effects in the children following the addition of fluoride in the naturally low content areas compared with those having a naturally high content.

Much investigation has been necessary to find comparable areas, and the dental condition of the children is being assessed before commencement and during the fluoridation.

More detailed information will be available as time goes by, and it is of particular interest in this County where there is a naturally low content of fluoride in the domestic water supply.

30. The Care of the Illegitimate Child and its Mother. (Table 19).

The number of cases referred to the Social Worker during 1955 was 262, an increase of 45 on the 1954 figure of 217. Of the total figure, 209 were single women, 34 of whom had previously borne children. The remainder were either married, widowed, divorced or separated with the exception of 1 whose marital state was unknown.

Ante-natal and post-natal accommodation was given to 111 women in 1955 compared with 104 in 1954. Those given help and advice only showed the largest increase, the figures being 104 in 1955 compared with 76 in 1954.

The age-groups shewing the largest increases in 1955 were the 18-20 year group and the 26-30 year group, but the proportionate age distribution remained much the same as in 1954.

The tendency noted in 1954 for more mothers to keep their children rather than having them adopted was maintained in 1955.

The illegitimate infant mortality rate was 35.71 in 1955, compared with 23.88 for legitimate births.

31. Nurseries and Child Minders Regulation Act, 1948.

At the end of 1955, there were only two certificates in force covering 13 children. Inspections of child minders were as usual made every 6 months, and both were found to be satisfactory during 1955.

32. Registration of Nursing and Maternity Homes. (Table 23).

Two nursing homes closed down during 1955, "Grasmere," and "Priors," both in Leamington Spa, leaving 11 on the Register. The total number of beds now available has been reduced to 140 in 1955 from 159 in 1954.

33. Home Help Service. (Tables 43-47 and Diagram 9).

There has been a gradual expansion of this service during the last five years, and the number of cases assisted during this period rose from 933 in 1951 to 1,589 in 1955. These figures emphasize the social and economic necessity of the service. Complete hospitalisation (or residential accommodation) for the aged and infirm is minimised, and domestic burdens are relieved in the case of essential hospitalisation.

The average number of home-helps employed was 4 full-time, and 289 part-time in 1955, compared with 6 full-time, and 220 part-time in 1954. Increases in the number of part-time staff occurred in all areas excepting Solihull. At the end of the year, four areas had found it desirable to employ Home Help Organisers. The number of home-help hours worked was 242,852 in 1955 and 195,042 in 1954.

There was a slight increase in the number of short-term cases assisted in 1955 to 324 Maternity cases and 484 Other cases. In 1954, the figures were 292 Maternity cases and 458 Other cases. Long-term cases over the age of 65 shewed the largest increase, the figures being 674 in 1955 compared with 544 in 1954. With the increasing number in the older age-groups it is expected that this figure will continue to rise.

During 1955, the Central Area provided a night "Sitter-Up" Service in order to relieve friends or relatives of sick, aged or infirm people and to provide assistance where no friends or relatives were available. The total number of hours worked was 2,250 and 1 long-term and 5 short-term cases were assisted.

34. Care and After-Care Loan Scheme. (Table 41).

The value of this service to the public may be judged by its growth over the past five years as set out in Table 41. The present day trend towards the discharge of patients from hospital at the earliest possible date makes it imperative that all the necessary sick-room and nursing equipment shall be immediately available to such patients on their arrival home. In fact, in many cases their discharge from hospital is dependent upon the availability at their home of such equipment. This service, therefore, has a two-fold value. To the patient, in ministering to his or her comfort and well-being, and to the hospitals in helping to make possible a wider use of the available beds.

Discharges from hospital are often made at short notice but requests for the loan of equipment are promptly met.

35. Occupational Therapy Scheme.

The administration of this scheme was taken over entirely by the Health Department during 1955, after invaluable help by the Warwickshire County Branch of the British Red Cross in the earlier years.

The scheme is available for those patients who are confined to bed for long periods, and where occupational therapy is regarded as beneficial and an aid to recovery.

Materials are supplied where required, and arrangements have been made with the "Helping Hand" Organisation for the sale at their centre at Oxford of articles produced. These arrangements ensure that patients receive a reasonable return for the articles made.

The County Council has authorised the employment of Occupational Therapists on a sessional basis, but unfortunately, difficulty has been found in most areas in finding suitably trained personnel. It is hoped, however, that this difficulty will be overcome in the near future.

36. Health Education.

Much good educational work has been done during the year by members of my staff, principally the Health Visitors, who, in addition to individual advice and instruction given to patients in their homes, have been active in arranging informal talks and demonstrations to groups of mothers in welfare centres and to various organisations in their own places of meeting.

This work has been greatly assisted by the use of the film strip projector acquired by the Department at the end of 1954. A small library of excellent film strips has been built up and these, together with the projector, have been in regular demand through the year. It is, however, felt that in these days, when the public are used to the high standard of visual entertainment set by the cinema and television, it is essential that the standard of visual education should also be as high as it is possible to make it within the bounds of limited facilities and finance. To this end a sound-film projector was purchased for the use of the Department in the late Autumn of 1955. A few suitable members of the staff in each Area are being trained in its use, so that the scope of our educational work shall be widened by the use of the many excellent films which are available from the various film libraries.

A senior member of my Headquarters staff is an experienced projectionist and is undertaking the instruction of members of the staff. At the time of writing this report several of the staff have been trained and the projector has been effectively used on a number of occasions. In all educational work the directly spoken word and the personal approach are desirable, and the carefully prepared informal talk, delivered in a sincere manner to a suitably sized group of people still remains a most effective means of health education.

Several Health Visitors are doing invaluable educational work in recently formed "Mothers Clubs" in some of our principal centres, and this is an idea which could be considerably extended.

37. County Ambulance Service.

During the past year 1,112,371 miles were covered by the ambulance service, as compared with 1,129,568 miles in 1954 and 1,160,366 miles in 1953.

The W.V.S. Hospital Car Service, which continues to operate mainly in the rural areas in the south of the county, covered 75,671 miles over the same period, as compared with 71,901 miles in 1954 and 81,640 miles in 1953.

The overall mileage of both services was 1,188,042 miles as against 1,201,469 miles in 1954 and 1,242,006 miles in 1953.

The total number of patients carried was 169,227 (164,271 by the ambulance service and 4,956 by the Hospital Car Service) as against 171,145 (166,939 ambulance service and 4,206 Hospital Car Service) in the previous year and 176,929 (172,097 ambulance service and 4,832 Hospital Car Service) in 1953.

The average number of driver/attendants employed weekly over the past two years remains consistent (157.94 in 1954 and 158.6 in 1955) and the average weekly overtime shows little fluctuation.

From the foregoing data and the graph showing the half-yearly mileage since the inception of the service in 1948, which appears on page 25, it will be seen that, since the peak mileage was reached in 1953, there have been two successive reductions in patients and mileage. These figures provide further support to the contention expressed in my previous report that the increase in the demand for ambulance service transport, which was most marked between 1951 and 1953, appears to have been arrested and a stabilised level reached.

This is very gratifying in view of the increases in patients and mileage reported by a number of other ambulance services during 1954.

It is difficult to determine precise reasons for these two successive reductions, but it is clearly evident that the close liaison effected with the hospitals, and general practitioners at depot and headquarter level, coupled with the benefits derived from the introduction of a system of radio control, are playing a prominent part in reducing the demands on the service to reasonable proportions.

The miles per patient over the past three years (ambulance service only) has remained remarkably constant (6.74 in 1953; 6.76 in 1954; and 6.77 in 1955). It would appear, with normal factors, that the minimum figure attained by effective co-ordination of journeys in the county, falls somewhere between 6.7 and 6.8 miles per patient—a figure which permits reasonable travelling and waiting time, and at the same time ensures maximum economy in vehicles and manpower. Particular attention is being given to this important problem, in that co-ordination of journeys can often be too rigid. The main object is to ensure, within reasonable limits, that patients are not subjected to long journeys unnecessarily. Superintendents of depots, in arranging their details, are guided by the condition of the patient and the minimum travelling time to avoid discomfort to and from hospital.

In accordance with the terms of Ministry of Health Circular No. 10/54—Ambulance Service—Major Accidents—consultations have taken place with the four hospital groups covering the administrative county and the Police and Fire Service, regarding the ambulance service arrangements for dealing with major civil accidents, which result in large numbers of casualties, and the existing ambulance service crash plan, which conformed closely to the requirements of the Ministry, has been modified to include the special hospital arrangements.

The scheme, in general, was brought into operation at the railway accidents which occurred at Sutton Coldfield in January, 1955, and at Barby, near Rugby, in August, 1955, and at both incidents the transport arrangements worked smoothly and satisfactorily.

At the request of the Commandant of the Police College, Ryton-on-Dunsmore, arrangements have been made for officers attending courses at the College, to visit the Warwick ambulance depot, where lectures are given on the ambulance service organisation, the radio system and the crash procedure. Subsequently, ambulance service officers have participated in a combined outdoor exercise and joined in discussions thereon at the College.

Similar lectures have also been given to the Mid-Warwickshire Police Division.

One of the highlights of the year was the opening of the new ambulance depot at Stratford-upon-Avon on the 14th May, 1955, by Mr. John Profumo, O.B.E., in the presence of county and local representatives.

The depot, which is the first permanent building that has been provided for the ambulance service, is brick built and designed in an L-shape, with a double storey administrative block, and garage accommodation for seven ambulances and three sitting case cars. Choice of design was restricted as no licence for steel could be obtained.

At present, work is proceeding on the new depot at Nuneaton and it is hoped that it will be ready for occupation in the Spring of 1956. The design of this depot is different in that it will comprise an overall large type garage with steel girdered roof.

With these two types of depot in operation, it will be possible to judge which is the most appropriate design for future development.

The appropriate committee, after due consideration, decided to change the colour of the ambulance service uniform from blue to grey. Reports received on the railway accident which occurred at Sutton Coldfield in January, 1955, revealed that some difficulties were encountered regarding recognition of senior officers of the ambulance service, in that there was little differentiation in the uniform worn by these officers and that worn by senior officers of the Police, Fire Service, and the voluntary organisations. It is felt that the introduction of a grey uniform will give the service a distinctive character.

Results in the National Safe Driving Competition, sponsored by the Royal Society for the Prevention of Accidents, were again very satisfactory. 4 drivers gained special awards, 37 qualified for the five-year medal and 78 received diplomas.

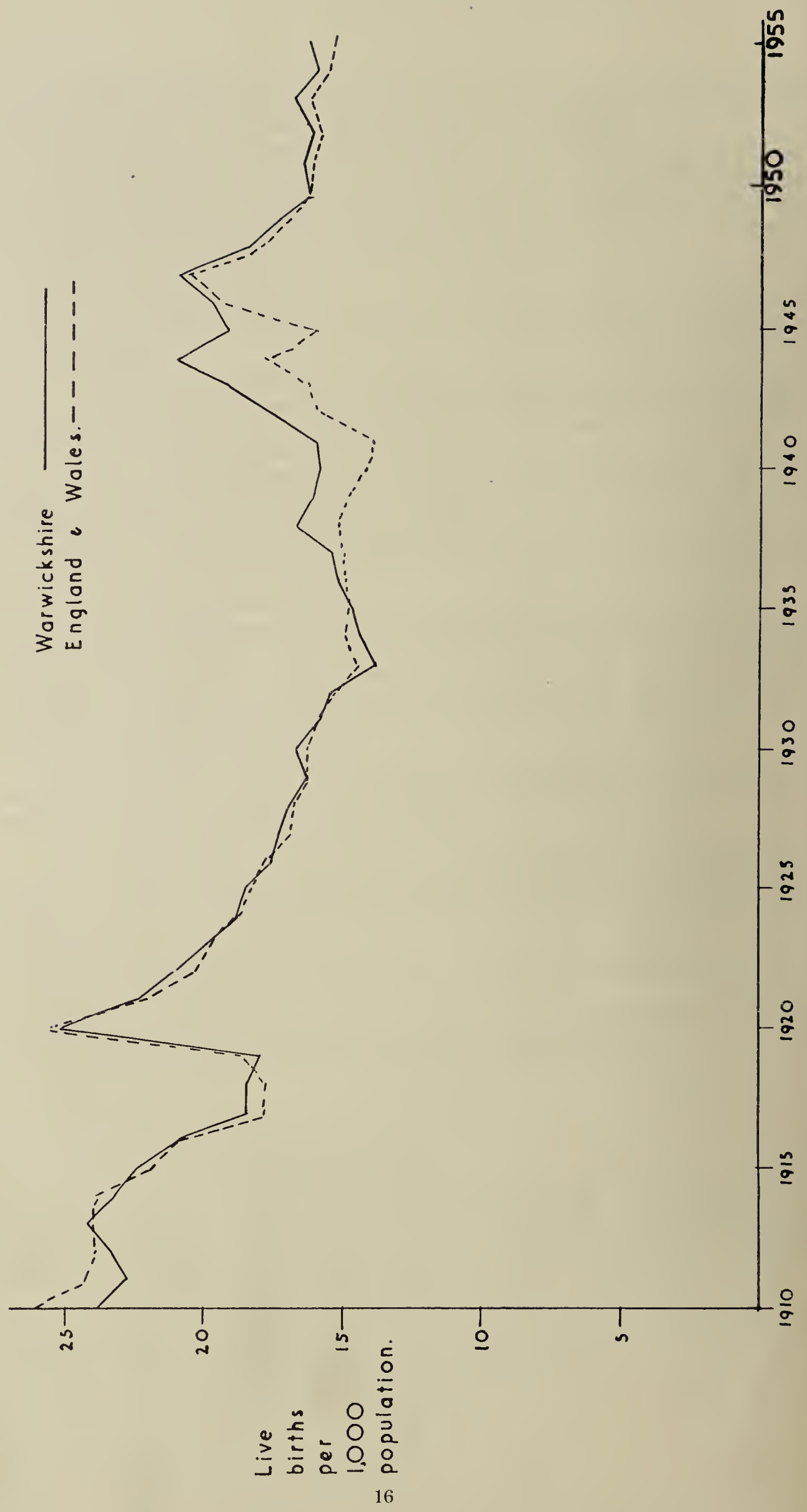
The training of volunteers in the Civil Defence Ambulance and Casualty Collecting Section has continued and a number of members have participated in exercises and demonstrations. A trophy for annual award was presented by a local firm and in the first competition, eight of the county districts entered teams. Nuneaton Borough were the winners with Rugby Borough runners-up.

Great enthusiasm was shown by these teams of volunteers and it is hoped that even more will compete next year.

Arrangements for driving instruction for volunteers has continued with a school of motor-ing and as more are trained, competition for the trophy should become keener.

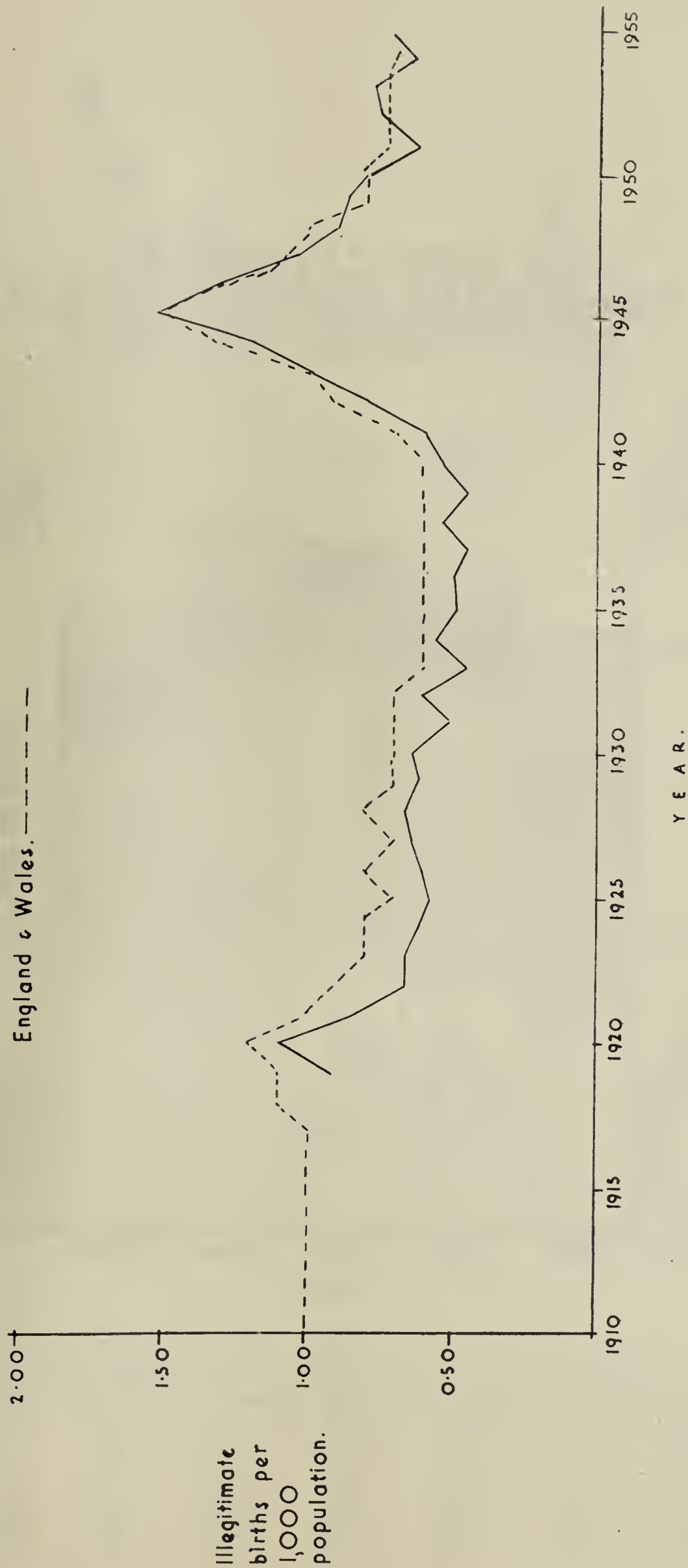
S. W. SAVAGE, M.A., M.D., D.P.H.,
County Medical Officer of Health.

Live Birth Rate Per 1,000 Population



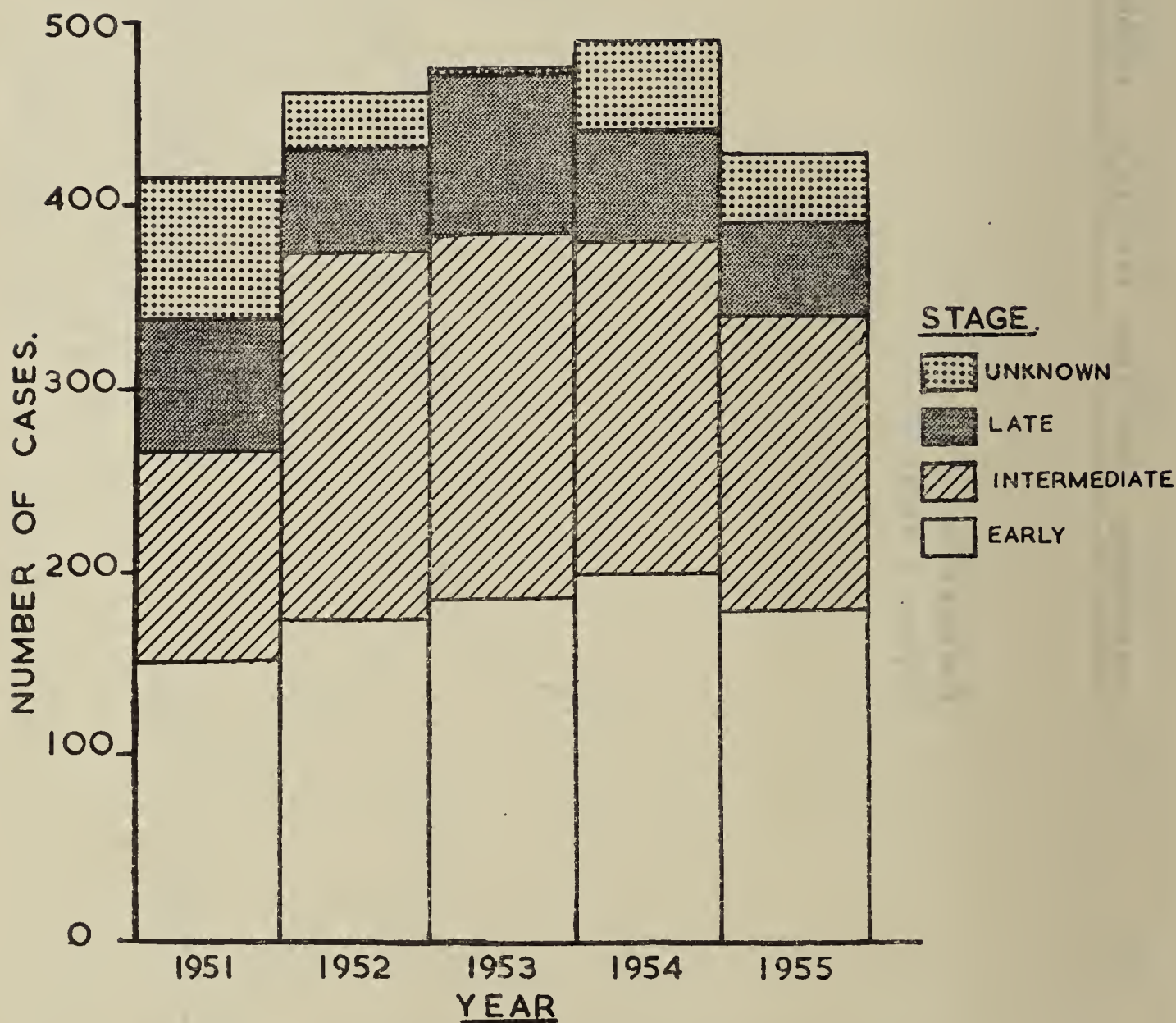
Illegitimate Birth Rate Per 1,000 Population.

Warwickshire. —
England & Wales. ---



Illegitimate
births per
1,000
population.

NEW NOTIFICATIONS OF PULMONARY TUBERCULOSIS IN WARWICKSHIRE 1951-1955.



“ Early ” cases, whether discovered by Mass Radiography or other means may only require a few months treatment. “ Advanced ” cases cannot be cured without years of treatment (if then). In addition to this, each “ advanced ” case will probably have infected many people, thus causing them to fall victim to this disease.

□ EARLY ▨ INTERMEDIATE ▩ LATE ▤ UNKNOWN

MALES.

FEMALES.

SUTTON COLDFIELD

1953
1954
1955



NORTHEASTERN

1953
1954
1955



EASTERN

1953
1954
1955



NORTH WESTERN

1953
1954
1955



SOLIHULL

1953
1954
1955



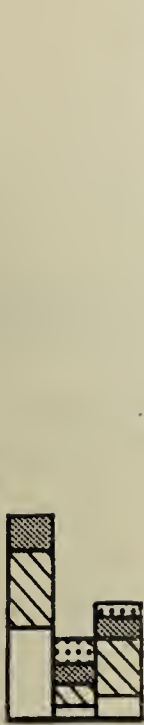
CENTRAL

1953
1954
1955

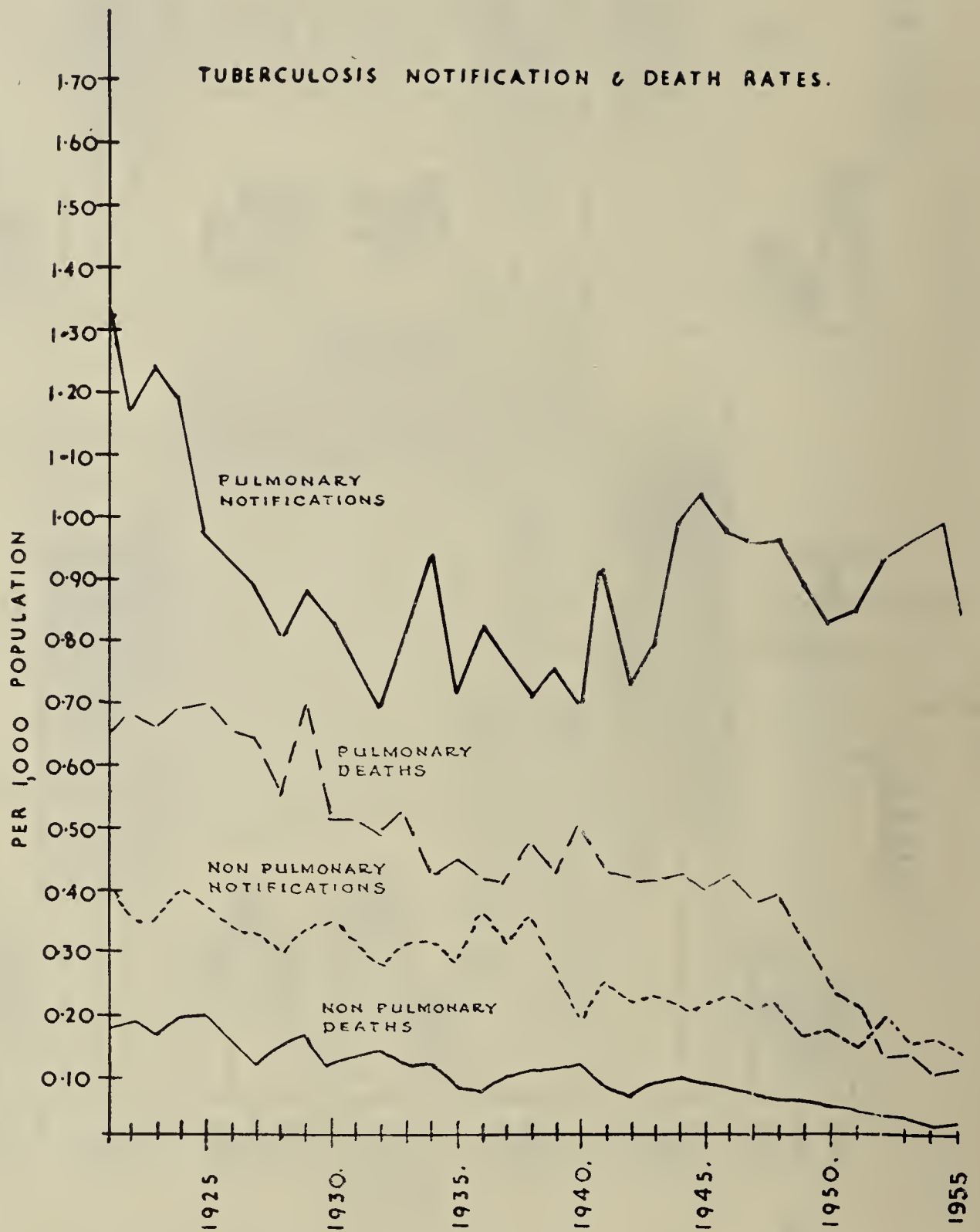


SOUTHERN

1953
1954
1955



0 20 40 60 80



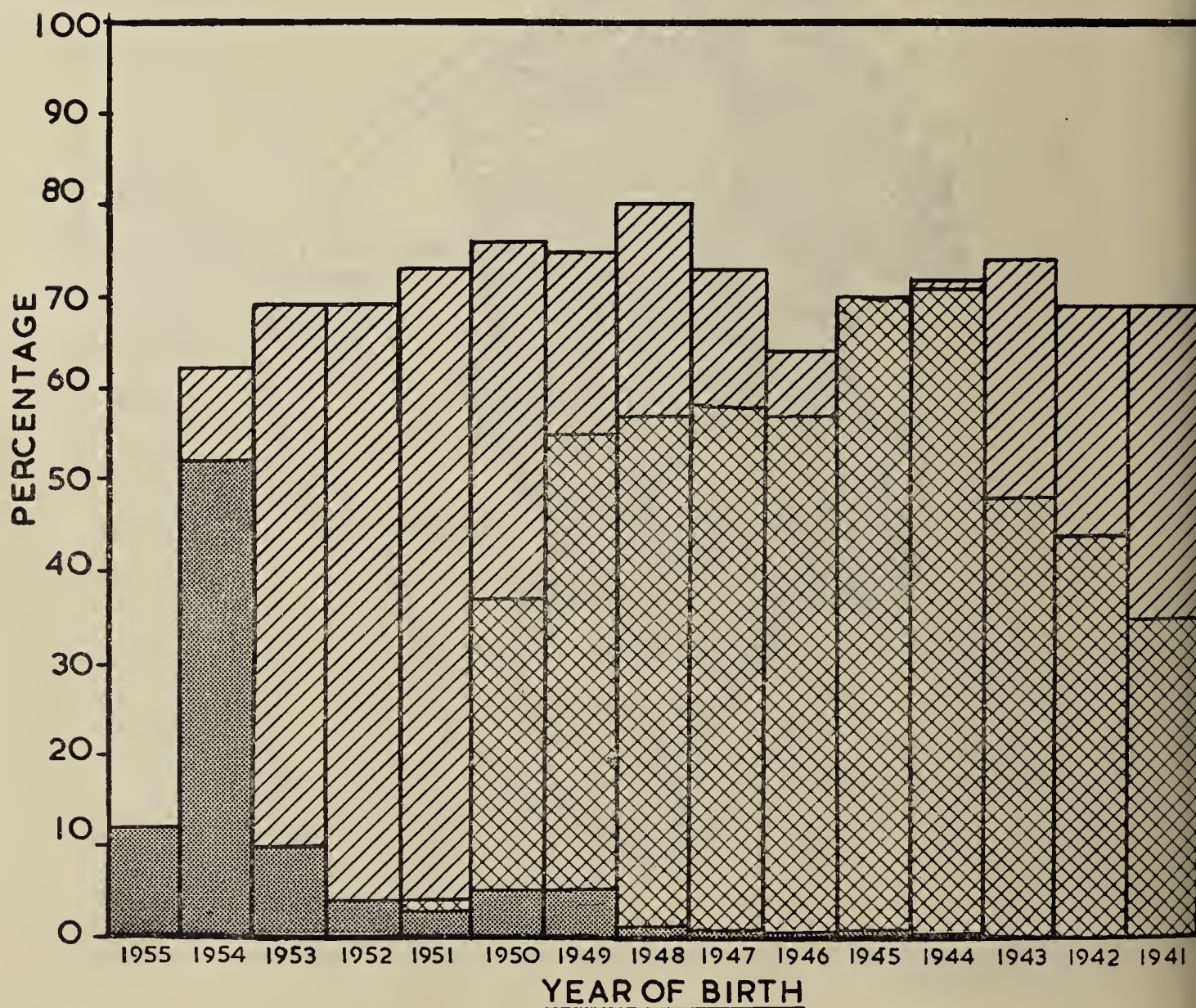
WARWICKSHIRE MILK SUPPLY



In a specified Area only the following milks may be sold: "Pasteurised," "Sterilised," "Tuberculin Tested."

WARWICKSHIRE LEVELS OF DIPHTHERIA IMMUNISATION OF CHILDREN BORN BETWEEN 1941 AND 1955.

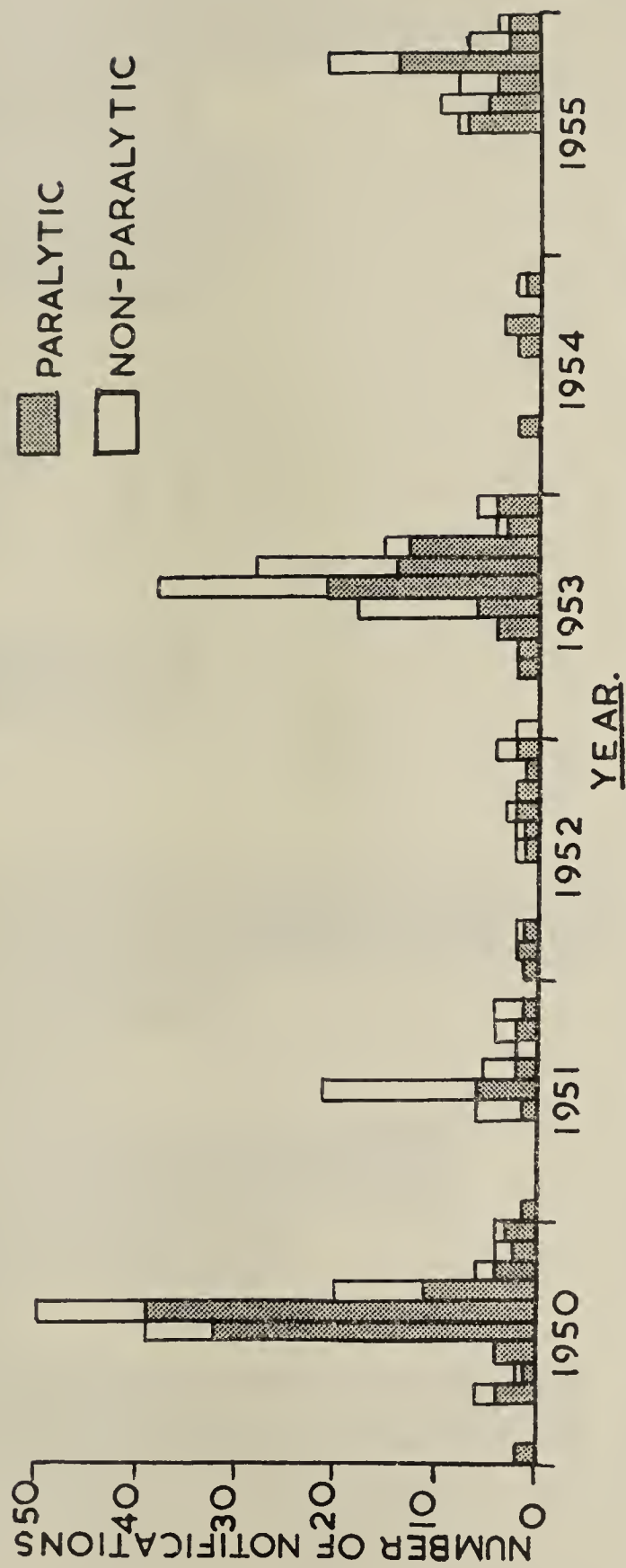
-  IMMUNISED DURING 1955.
-  IMMUNISED UP TO 31.12.55.
-  RECEIVED BOOSTER DOSES
AT ANY TIME BEFORE 31.12.55.



POLIOMYELITIS.

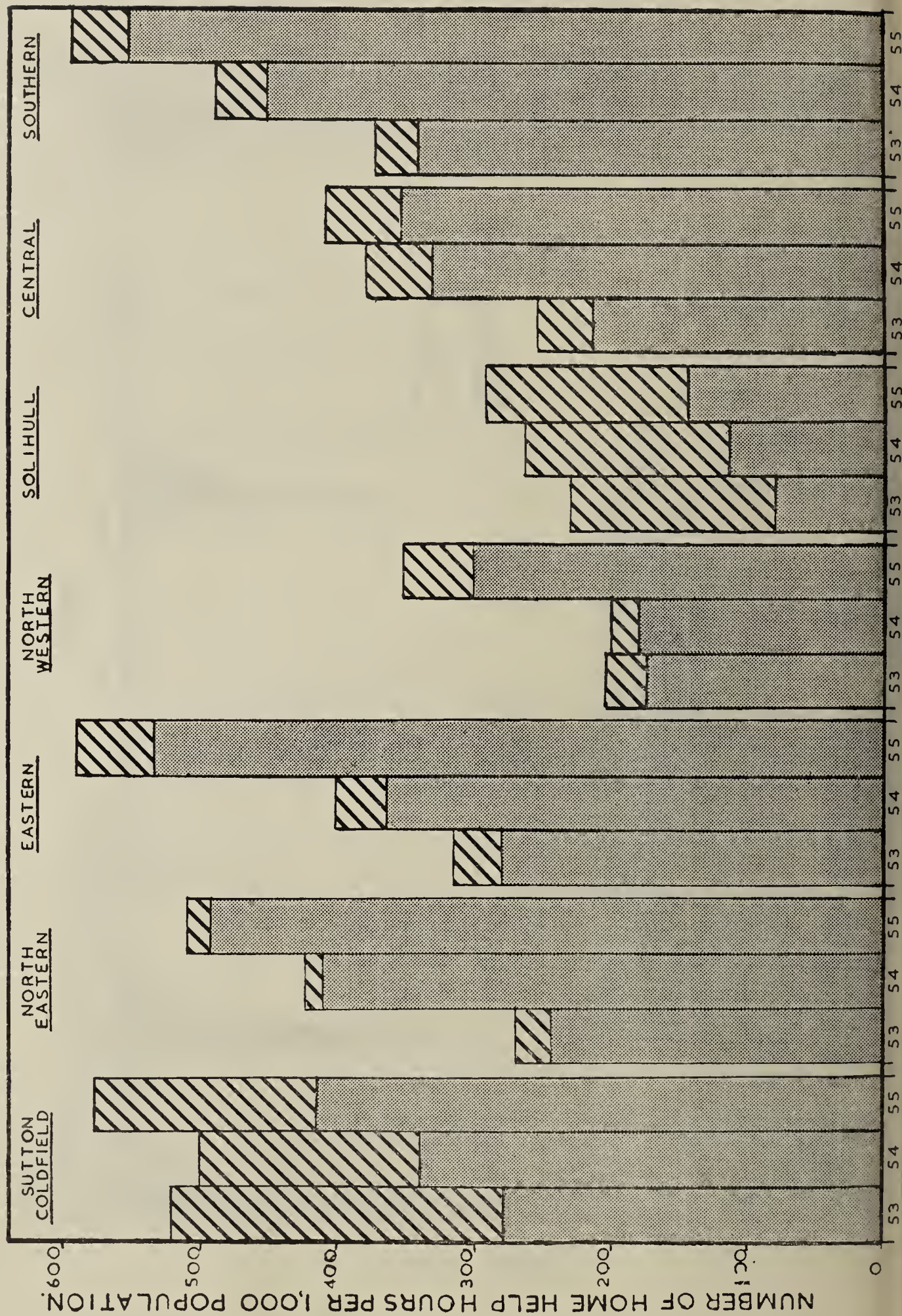
NUMBER OF NOTIFICATIONS EACH MONTH

IN WARWICKSHIRE 1950-1955.



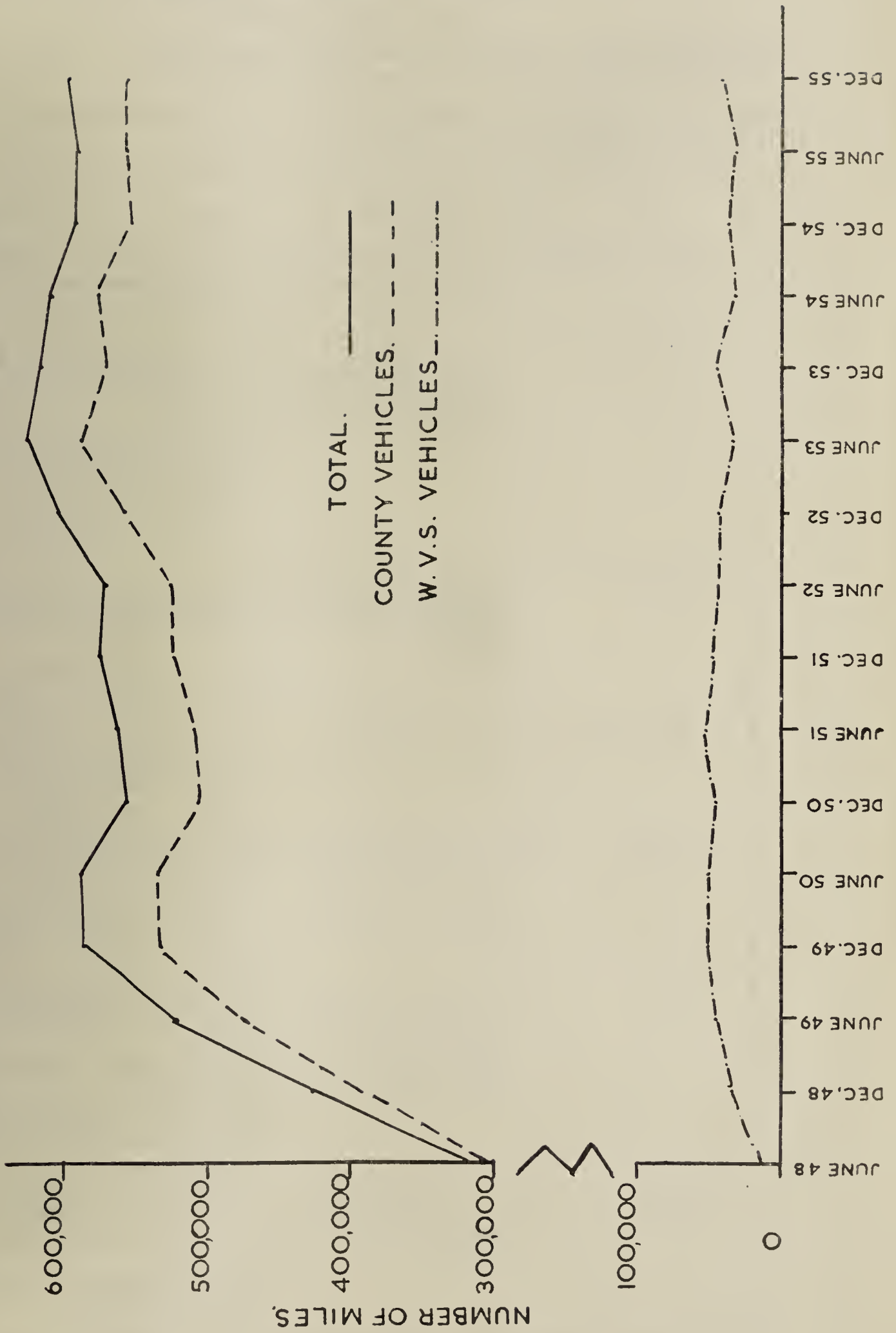
HOME HELP SERVICE 1953-1955

-  SHORT TERM CASES (UNDER 3 MTHS.-ACUTE ILLNESS AND MATERNITY.)
-  LONG TERM CASES (OVER 3 MTHS.-CHRONIC ILLNESS AND OLD AGE.)



COUNTY DIVISIONAL SERVICE

HALF-YEARLY MILEAGE 1948-1955



STAFF OF THE COUNTY HEALTH SERVICE

(at time of going to press).

County Medical Officer of Health and Principal School Medical Officer :

Dr. S. W. SAVAGE, M.A., M.D. (Cantab.), D.P.H.

Deputy County Medical Officer of Health and Deputy Principal School Medical Officer :

Dr. G. H. TAYLOR, M.D. (Lond.) D.P.H.

<i>Area.</i>	<i>Medical Officer.</i>	<i>Assistant County Medical Officer.</i>
1 Sutton Coldfield.	Dr. J. R. PRESTON, B.Sc., M.B., Ch.B., F.R.F.P.S., D.P.H. (Glas.)	Dr MARGARET M. J. O'DEA, L.R.C.P.I. and L.M., L.R.C.S.I. and L M., D.P.H.
2 North Eastern.	Dr. J. H. BRISCOE- SMITH, M.B., Ch.B., M.R.C.S.(Eng.), L.R.C.P., D.P.H.	Dr. G. HIRD, M.B., Ch.B., (Aber.), D.P.H. Dr. GWENDOLEN COOTE, M.B., B.S. (Lond.). Dr. C. B. HIGGIE, M.R.C.S., L.R.C.P., (Lond.) Dr. MARGARET STEANE, M.B., Ch.B. (Birm.).
3 Eastern.	Dr. D. J. JONES, B.Sc., M.B., Ch.B., D.P.H. (Cardiff).	Dr. AGNES YOUNG, M.B., Ch.B., D.P.H. (Glas.).
4 North Western.	Dr. R. S. McELROY, M.B., Ch.B., D.P.H.	Dr. ELIZABETH A. BAGNALL, M.B., B.S. (Lond.) Dr. C. T. JONES, M.R.C.S., L.R.C.P. (Lond.), D.P.H.
5 Solihull.	Dr. I. M. McLACHLAN, L R.C.P.I. and L.M., L.R.C.S.I. and L.M., R.C.P.S.I., D.P.H. (Ire- land).	Dr. J. HENDERSON, M.B., Ch.B. (Glas.), D.P.H. (Birm.) Dr. ELIZABETH THOMPSON, M.B., Ch.B. (Edin.), D.P.H. (Edin. and Glas.)
6 Central.	Dr. F. D. M. LIVING- STONE, B.A., M.B., B.Chir. (Cantab.). M.R.C.P. (Lond.), D.C.H. (Eng.), D.P.H.	Dr. MYRTLE V. RICHARDS, M.B., Ch.B. (Edin.), D.C.H., D.P.H. Dr. KATHERINE SCOTT, M.B. Ch.B. (Glas.). Dr. D. SUTCLIFFE WILLIAMS, L.R.C.P. and S. (Edin.), L.R.F.P. and S. (Glas.).
7 Southern.	Dr. J. B. BRAMWELL, M.A., M.B., B.Ch. (C'tab.), D.P.H.	Dr. ELIZABETH THOMAS, M.B., B.Ch., B.A.O. (Belf.), D.P.H., (Lond.) Dr. W. M. WALKER, M.C., M.B., B.Ch., B.A.O. (Belf.).

Principal Dental Officer :

H. J. BASTOW, L.D.S. (Birm.).

Dental Officers.

North-Eastern (Area 2)	...	...	J. P. BOLTE, L.D.S., R.C.S. (Edin.)
Eastern (Area 3)	...	...	P. VIGANTS, D.D.D. (Univ. Latvia).
North Western (Area 4)	...	...	W. DOUGLAS, L.D.S. (St. Andrew's).
Central (Area 6)	...	...	Miss S. M. CRUTE, B.D.S. (Durham). J. S. PRICE, L.D.S. (Birm.)
Southern (Area 7)	...	...	P. H. E. BAILEY, L.D.S. (Birm.)

There are in addition, a number of part-time Dental Officers, and whole-time and part-time Dental Attendants.

County Sanitary Inspector.

F. H. LEGGAT, F.R.SAN.I., A.M.I.S.E., M.S.I.A.

Assistant County Sanitary Inspector.

K. L. SPENCE, Cert.R.S.I.

County Ambulance Officer :

C. L. JONES.

Superintendent Nursing Officer and Supervisor of Midwives :

Miss B. SHENTON, M.B.E., S.R.N., S.C.M., H.V. Cert.

Deputy Superintendent Nursing Officer :

Miss V. E. BEESTON, S.R.N., S.C.M., H.V. Cert.

Social Worker :

Miss J. A. SUTCLIFFE, S.R.N., H.V. Cert.

Statistical Officer.

Miss B. TIMPERLEY, R.S.A. Cert. (Association of Statisticians).

Chief Clerk :

L. J. ALLEN.

NURSING STAFF employed in the following services.

Area.	District Nursing.	District Nursing and Midwifery combined.	District Nursing, Midwifery and Health Visiting combined.	Health Visiting.	Midwifery.
1. Sutton Coldfield. <i>Area Nursing Officer.</i> GIBSON, Miss M. F.	GLOVER, Miss S. FRANCIS, Miss A.	BAUM, Miss D. E. BRADY, Miss M. BRITLAND, Miss K. CADEL, Miss J. B. JONES, Miss B. L. MASON, Miss V. WILLIAMS, Miss B.		FORRESTER, Miss A. HARRIS, Miss B. M. HORROCKS, Miss M. LAWLOR, Mrs. E. McDOUGALL, Miss V. SHOTTON, Miss I. THIRKILL, Mrs. V. F. WISDOM, Mrs. B.	
2. North Eastern. <i>Area Nursing Officer.</i> FOSTER, Miss M. I.	AINSWORTH, Miss J. HICKEY, Miss B. O'DONNELL, Miss V.	CAMERON, Miss S. COTESWORTH, Mrs. K. HARDING, Mrs. A. HARRIS, Mrs. P. HARVEY, Mrs. E. M. O'BRIEN, Miss K. SCRIVENS, Miss N. SIMMONS, Mrs. K. WILSON, Mrs. D. M.	HUFTON, Miss M. J. <i>District Nursing and Health Visiting Combined.</i> SNOWDON, Miss E. M.	AMOS, Miss W. BOND, Mrs. E. M. CHALLINOR, Miss J. DAVIES, Miss K. N. DILCOCK, Miss O. FLYNN, Miss K. T. FULLYLOVE, Miss K. E. HALLSWORTH, Miss M. A. HOWES, Miss A. JEVONS, Mrs. S. I. KELLY, Miss E. M. MALCOLM, Mrs. C. MASON, Miss D. M. REAY, Miss D. A. WEBB, Miss M. P. BOFF, Mrs. L. W. (School Nurse).	BOURNE, Mrs. D. CROSSAN, Miss N. C. TAYLOR, Mrs. S. A. WALLBANK, Mrs. S. M.
3. Eastern. <i>Area Nursing Officer.</i> LLOYD, Miss E. M.	MERRICK, Miss D. M. WYNN-JONES, Mrs. E.	BODEN, Mrs. C. DAVIES, Miss S. E. KENYON, Mrs. D. C. MEREDITH, Miss E. METCALFE, Miss D. SLACK, Mrs. O. G. SLATER, Miss H.	BOODEN, Miss F. M. DALTON, Miss S. M. HAYLER, Miss H. M. MASON, Miss E. M. NYLASSY, Miss J. STORY, Miss J. H. WELHAM, Miss A. WHITEHURST, Miss E. B.	BODDY, Miss J. H. COX, Miss M. E. HAYCOCK, Miss C. M. HAYWARD, Miss J. H. JAQUES, Miss B. LIVINGSTON, Miss J. M. McNEILL, Mrs. M. WAITE, Miss J. D.	
4. North Western. <i>Area Nursing Officer.</i>		ALEXANDER, Miss J. ANKRETT, Mrs. M. BOWEN, Mrs. D. CONNOLLY, Miss M. DAVIS, Mrs. R. DAY, Mrs. L. W. GARDNER, Miss H. HARPER, Miss R. HISCOX, Miss E. M. MACLENNAN, Mrs. G. M. MANIFOLD, Miss B. TRASLER, Miss B. J. WADE, Miss B. YOUNG, Mrs. C. E.	BEARDSALL, Miss M. P. LOVETT, Miss L. M. SNAPE, Miss I.	ADAMS, Miss E. S. CUNNINGHAM, Miss A. M. EDWARDS, Miss D. H. GOODING, Mrs. C. HALL, Miss M. HUMPHRIES, Miss E. M. O'DWYER, Miss K. M. OXFORD, Miss F. M. G. ROBERTS, Miss E. A.	
5. Solihull. <i>Area Nursing Officer.</i> LAMB, Miss E. J.		HALL, Mrs. L. HUGHES, Mrs. S. JONES, Miss C. PILKINGTON, Miss B. WILSON, Mrs. M. J.	PHILLIPS, Miss J. VALE, Miss M. WOODFORD, Mrs. F. C.	COPPOCK, Mrs. M. GLAYSHER, Miss M. H. GRANT, Miss A. HIGGINS, Miss D. MANTON, Miss D. A. MORGAN, Miss F. E. SMITH, Mrs. I. F. WALKER, Mrs. W. J. WHITING, Mrs. V. M.	
6. Central. <i>Area Nursing Officer.</i> AUSTIN, Miss M. G.	FABER, Mrs. O. WARR, Mrs. B. WILKINSON, Mrs. H. M.	ANSTISS, Miss D. BOLTON, Miss F. CAVES, Miss K. M. COAKLEY, Miss E. FRY, Mrs. L. E. HARTSHORNE, Miss M. HILLIER, Miss M. KOHLE, Miss G. B. MARSHALL, Miss E. PIELOW, Miss S. M. SCHWEMMER, Mrs. M. STACHOWIAK, Mrs. E. C. WILD, Miss V. WORTHINGTON, Miss M.		BAYLIS, Miss K. M. BROWN, Mrs. G. O. CORBALLY, Miss M. DALTON, Mrs. H. M. DAVIE, Miss M. C. DUNLOP, Miss A. GODLEY, Miss M. LATHAM, Miss E. MALARKEY, Miss S. PRIESTLEY, Mrs. S. P. RUSHFORTH, Miss M. STACK, Mrs. E. THOMAS, Mrs. E. WAYMAN, Mrs. D. WHITEWAY, Miss G. K. WILCOX, Miss L. M. WYTON, Miss M.	BERRY, Miss M. R. MULLANY, Mrs. M. J. OWEN, Miss J. H.
7. Southern. <i>Area Nursing Officer.</i> STANSFELD, Miss D. EMERGENCY NURSES (all areas). GODIN, Miss D., Senior Relief, D.N.M. /H.V. BAKER, Miss E., D.N.M. LEWIS, Miss D. G.	TURNER, Miss W.	BRADY, Miss R. A. COWAN, Miss A. HARRIES, Miss E. KNIGHT, Mrs. E. MOODY, Miss C. QUINN, Mrs. G. REDSHAW, Miss S. SHERWOOD, Mrs. P.	BARNEY, Miss E. L. CLARKE, Miss D. M. FIFE, Miss E. LOVELL, Miss B. SCHOFIELD, Miss E. WOOLNOUGH, Miss M. J.	DARLEY, Miss I. M. DAVIES, Miss B. EVERITT, Mrs. A. M. IDLE, Mrs. N. B. JAMES, Mrs. M. M. LOTHOUSE, Miss E. J. PRICKETT, Miss E. M. SPEDDING, Miss M.	BROWN, Miss A.

Note.—The names of the staff are those employed whole-time in the County at 30th June, 1956. (Part-time and temporary nurses are Not Shown)

TABLE 1.

No.	Area, and County Districts.	Acres.	1. Population.		2. Live Births.		3. Stillbirths.		4. Total Deaths.		5. Deaths—Tuberculosis—Pulmonary.		6. Deaths—Tuberculosis—Other Forms.		7. Infant Mortality (0—1 yr.)		8. Maternal Mortality.	
			Mid-1954.	Mid-1955.	No.	Birth Rate (adjusted per 1000 population)	No.	Stillbirth Rate (per 1000 total births)	No.	Death Rate (adjusted per 1000 population)	No.	Death Rate (per 1000 population)	No.	Death Rate (per 1000 population)	No.	Death Rate (per 1000 live births)	No.	Death Rate (per 1000 total births)
1	Sutton Coldfield.																	
	Sutton Coldfield M.B.	13,978	49,780	50,630	810	16.64	18	21.74	528	9.59	5	0.10	2	0.04	16	19.75	1	1.20
2	North-Eastern.																	
	Nuneaton M.B.	11,757	55,650	55,830	890	15.46	23	25.19	545	11.52	7	0.13	2	0.04	22	24.72	2	2.19
	Bedworth U.D.	7,851	27,050	27,570	550	18.35	7	12.57	494	22.57	5	0.18	1	0.04	14	25.45	—	—
	Atherstone R.D.	21,945	24,350	24,540	397	15.52	12	29.34	275	12.32	2	0.08	—	—	15	37.78	1	2.44
	TOTALS	41,553	107,050	107,940	1,837	16.34	42	22.35	1,314	15.84	14	0.13	3	0.03	51	27.76	3	1.59
3	Eastern.																	
	Rugby M.B.	6,992	46,590	46,790	678	14.35	18	25.86	465	10.13	4	0.07	2	0.04	17	25.07	—	—
	Rugby R.D.	80,631	21,610	21,170	371	18.23	10	26.25	209	11.25	1	0.05	—	—	12	32.35	—	—
	TOTALS	87,623	68,200	67,960	1,049	15.72	28	26.00	674	10.48	5	0.07	2	0.03	29	27.65	—	—
4	North-Western.																	
	Meriden R.D.	61,775	39,590	42,870	692	15.82	18	25.35	358	10.02	5	0.12	—	—	21	30.35	—	—
	Tamworth R.D.	22,042	16,460	16,840	272	16.30	7	25.09	147	9.50	2	0.12	—	—	9	33.08	—	—
	TOTALS	83,817	56,050	59,710	964	15.96	25	25.28	505	9.87	7	0.12	—	—	30	31.12	—	—
5	Solihull.																	
	Solihull M.B.	20,189	72,470	75,740	1,181	15.91	14	11.72	660	9.76	6	0.08	—	—	22	18.63	—	—
6	Central.																	
	Leamington Spa M.B.	2,875	37,800	37,950	697	17.62	13	18.31	459	10.52	4	0.11	3	0.08	19	27.24	—	—
	Warwick M.B.	5,057	15,620	15,670	220	13.76	7	30.84	175	11.05	4	0.26	1	0.06	6	27.27	1	4.40
	Kenilworth U.D.	5,967	11,110	11,550	196	16.46	4	20.00	114	9.96	—	—	—	—	7	35.71	—	—
	Southern R.D.	62,527	13,310	14,470	222	16.87	4	17.70	138	9.82	1	0.07	—	—	5	22.52	—	—
	Warwick R.D.	55,365	19,600	20,570	338	17.25	11	31.52	343	17.01	5	0.24	1	0.05	9	26.62	—	—
	TOTALS	131,791	97,440	100,210	1,673	16.84	39	22.78	1,229	12.28	14	0.13	5	0.05	46	27.50	1	0.58
7	Southern.																	
	Stratford-upon-Avon M.B.	6,900	14,830	14,870	191	12.58	4	20.51	201	11.62	—	—	1	0.07	3	15.71	—	—
	Alcester R.D.	37,524	13,400	13,430	211	15.55	—	—	118	7.82	1	0.07	—	—	2	9.48	—	—
	Shipston-on-Stour R.D.	53,339	7,900	7,940	131	17.99	3	22.39	113	10.39	—	—	—	—	1	7.63	—	—
	Stratford-upon-Avon R.D.	81,996	21,880	22,570	357	17.23	5	13.81	208	9.22	3	0.13	—	—	5	14.00	—	—
	TOTALS	179,759	58,010	58,810	890	15.94	12	13.30	640	9.92	4	0.07	1	0.02	11	12.36	—	—
	COUNTY TOTALS	558,710	509,000	521,000	8,404	16.13	178	20.74	5,550	11.08	55	0.11	13	0.02	205	24.39	5	0.58

TABLE 2. REVIEW OF BIRTH AND DEATH RATES
for the years 1925-1955.

Year.	Live Birth Rate. (Adjusted) (per 1,000 pop.)	Death Rate. (Adjusted) (per 1,000 pop.)	Pulmonary Tuberculosis Death Rate (per 1,000 pop.)	Cancer Death Rate (per 1,000 pop.)	Infant Mortality Rate (per 1,000 pop.)	Still-births (per 1,000 total births).	Maternal Mortality (per 1,000 total births)
1925.	18.46	11.15	0.70	1.31	62	—	5.00
1926.	17.52	10.52	0.65	1.38	54	—	3.30
1927.	17.30	11.25	0.64	1.36	66	—	2.90
1928.	16.83	10.13	0.55	1.33	55	—	4.59
1929.	16.29	12.70	0.70	1.30	60	—	4.20
1930.	16.63	10.82	0.51	1.43	49	42	4.50
1931.	15.69	11.06	0.51	1.42	55	35	4.30
1932.	15.38	11.52	0.49	1.47	55	35	3.70
1933.	13.71	11.42	0.52	1.53	54	35	5.20
1934.	14.31	10.71	0.42	1.43	48	34	4.97
1935.	13.44	9.60	0.45	1.45	47	40	3.68
1936.	15.08	10.56	0.42	1.51	52	33	5.21
1937.	15.32	11.25	0.41	1.57	50	35	3.17
1938.	16.63	10.17	0.47	1.45	48	30	2.87
1939.	16.18	10.19	0.43	1.54	45	32	2.26
1940.	15.83	12.69	0.50	1.51	51	35	2.82
1941.	15.94	11.69	0.43	1.55	53	33	2.99
1942.	17.38	10.26	0.41	1.55	39	32	2.14
1943.	18.98	10.62	0.41	1.55	42	28	2.70
1944.	20.88	10.64	0.42	1.66	35	25	1.50
1945.	18.95	10.45	0.40	1.57	42	25	1.56
1946.	19.64	10.61	0.42	1.67	40	22	1.46
1947.	20.77	10.68	0.38	1.64	34	20	0.83
1948.	18.24	9.62	0.39	1.67	31	20	1.50
1949.	17.22	10.78	0.30	1.65	29	19	0.85
1950.	15.72	10.48	0.24	1.55	27	19	0.39
1951.	15.84	11.55	0.21	1.67	28	23	0.50
1952.	15.56	10.35	0.14	1.78	28	18	0.38
1953.	16.30	10.67	0.14	1.72	24	20	0.72
1954.	15.79	10.51	0.10	1.87	23	22	0.73
1955.	16.13	11.08	0.11	1.83	24	21	0.58

TABLE 3. MORTALITY STATISTICS, 1955. (1954 in brackets).

Cause of Death.	Age Group.						Total 1955 (and 1954)	Total 1953	Total 1952	Total 1951	Total 1950
	Under 1	1 —	5 —	15 —	45 —	65 —					
Heart and Circulatory Diseases ...	— (—)	— (—)	— (2)	30 (41)	345 (343)	1,634 (1,355)	2,009 (17,41)	1,731	1,800	1,908	1,731
* Malignant Neoplasms ...	— (—)	12 (1)	3 (2)	70 (72)	346 (358)	522 (539)	953 (972)	860	882	824	762
Vascular lesions of Nervous System ...	— (—)	— (—)	— (—)	10 (13)	113 (140)	720 (634)	843 (787)	749	726	729	646
Influenza ...	1 (—)	— (—)	1 (—)	— (4)	2 (2)	28 (12)	32 (18)	84	11	186	46
Pneumonia ...	20 (21)	5 (4)	— (4)	10 (8)	47 (29)	227 (175)	309 (241)	259	190	253	228
Bronchitis ...	1 (6)	1 (—)	1 (2)	3 (6)	59 (50)	193 (131)	258 (195)	227	173	277	242
Violent Deaths ...	15 (4)	1 (4)	14 (12)	80 (70)	72 (65)	82 (113)	264 (268)	233	231	251	220
Respiratory Tuberculosis	— (—)	— (—)	— (1)	15 (13)	27 (26)	13 (12)	55 (52)	69	69	103	122
Non-Respiratory Tuberculosis ...	2 (—)	1 (1)	2 (—)	3 (1)	3 (3)	2 (1)	13 (6)	7	11	23	27
Nephritis and Nephrosis	— (—)	1 (—)	— (2)	9 (11)	18 (14)	26 (28)	54 (55)	55	50	50	65
Congenital Malformations	42 (29)	4 (1)	2 (—)	5 (8)	6 (4)	— (3)	59 (45)	42	63	45	44
All other diseases ...	124 (127)	15 (12)	7 (12)	62 (67)	132 (136)	361 (398)	701 (752)	804	709	860	793
Totals 1954 and 1955	205 (187)	40 (23)	30 (37)	297 (314)	1,170 (1,170)	3,808 (3,401)	5,550 (5,132)				
Total 1953	198	30	44	284	1,074	3,490		5,120	4,915	5,509	4,926
" 1952	214	38	30	312	1,090	3,231					
" 1951	219	49	34	319	1,156	3,732					
" 1950	207	45	38	334	1,086	3,216					

* Including Leukaemia.

TABLE 4. **CANCER DEATHS FOR THE YEARS 1951-1955.**
and comparison of Average Death Rates with England and Wales
for the Years 1952/54.

A. MALES.

Site.	Warwickshire Number of deaths.					Average death rate per million males, 1952-1954.		
	1951	1952	1953	1954	1955	Warwick- shire (adjusted).	England and Wales.	% Warwick- shire to Eng- land and Wales.
Stomach	71	66	73	75	81	302	377	80%
Lung and bronchus ...	93	112	140	140	140	553	611	91%
Breast	3	—	1	—	3	1	3	33%
Leukaemia and Aleukaemia	15	8	13	11	17	45	53	85%
Other	271	259	249	276	282	1,107	1,136	97%
TOTAL	453	445	476	502	523	2,008	2,180	92%

B. FEMALES.

Site.	Warwickshire Number of deaths.					Average death rate per million females, 1952-54.		
	1951	1952	1953	1954	1955	Warwick- shire (adjusted).	England and Wales.	% Warwick- shire to Eng- land and Wales.
Stomach	55	56	52	66	40	237	274	86%
Lung and bronchus ...	19	15	26	24	17	82	99	90%
Breast	81	107	82	112	107	410	361	114%
Uterus	28	42	33	49	29	168	172	98%
Leukaemia and Aleukaemia	11	12	8	8	8	38	43	89%
Other	203	225	204	211	229	872	899	97%
TOTAL	397	457	405	470	430	1,814	1,848	98%

TABLE 5. LIVE BIRTHS AND INFANT DEATHS—Under 1 year—1955.

			Live Births				Deaths of Infants under 1 Year	Infant Mortality Rate (per 1,000 live births)
			Males	Females	Total	Birth Rate (per 1,000 pop.)		
Legitimate	...	...	4,136	3,904	8,040	15.43	192	23.88
Illegitimate	...	...	197	167	364	0.70	13	35.71
TOTALS	...	...	4,333	4,071	8,404	16.13	205	24.39

TABLE 6. STILLBIRTHS, 1955.

			Males	Females	Total	Rate (per 1,000 total births)
Legitimate	...	...	86	84	170	20.71
Illegitimate	...	...	5	3	8	21.50
TOTALS	...	...	91	87	178	20.74

TABLE 7. PREMATURE BIRTH RATES AND PERCENTAGE SURVIVAL FOR THE YEARS 1952-1955.
(From Birth Notifications).

		1952	1953	1954	1955
Total notified births (live and still, adjusted)		7,792	8,274	8,250	8,344
Premature Live Births.	Number notified	497	526	552	555
	Rate per 1,000 total Notified Births	64	64	67	67
	Number of Deaths (up to 28 days)	86	82	75	89
	Percentage survival (up to 28 days)	83	84	86	84
Premature Stillbirths	Number Notified	63	67	91	84
	Rate per 1,000 total Notified births	8	8	11	10

TABLE 8. TOTAL PREMATURE BIRTHS SINGLE AND MULTIPLE,* 1955.

Total notified births 8,344.
(1954 figures in brackets).

Weight Group.	Number of prem- ature births.		of those born alive :—			
	Born dead.	Born alive.	Number died 1st day.	Number died 2-28 days.	Number survived.	% survival of live births.
3lbs. 4ozs. or less	34 (42)	74 (67)	29 (32)	20 (12)	25 (23)	34% (34)
Over 3lbs. 4ozs. and up to 4lbs. 6ozs.	29 (29)	91 (93)	9 (8)	6 (8)	76 (77)	84% (83)
Over 4lbs. 6ozs. and up to 4lbs. 15ozs.	5 (9)	109 (89)	3 (1)	6 (6)	100 (82)	92% (92)
Over 4lbs. 15ozs. and up to 5lbs. 8ozs.	16 (11)	281 (303)	10 (6)	6 (2)	265 (295)	94% (97)
TOTALS ...	84 (91)	555 (552)	51 (47)	38 (28)	466 (477)	84% (86)

TABLE 9. Single Births.

Weight Group.	No. of Premature Births.		of those born alive :—			
	Born dead.	Born alive.	Number died 1st day.	Number died 2-28 days.	Numbre survived	% survival of live births.
3lbs. 4ozs. or less	30 (39)	58 (49)	22 (21)	14 (11)	22 (17)	38% (35)
Over 3lbs. 4ozs. up to 4lbs. 6ozs.	25 (25)	76 (68)	8 (8)	6 (7)	62 (53)	82% (78)
Over 4lbs. 6ozs. up to 4lbs. 15ozs.	2 (9)	80 (69)	3 (1)	6 (5)	71 (63)	89% (91)
Over 4lbs. 15ozs. up to 5lbs. 8ozs.	14 (10)	255 (267)	10 (6)	6 (1)	239 (260)	94% (97)
TOTALS ...	71 (83)	469 (453)	43 (36)	32 (24)	394 (393)	84% (87)

TABLE 10. Multiple Births.

Weight Group.	No. of Premature Births.		of those born alive :—			
	Born dead.	Born alive.	Number died 1st day.	Number died 2-28 days.	Number survived	% survival of live births.
3lbs. 4ozs. or less	4 (3)	16 (18)	7 (11)	6 (1)	3 (6)	19% (33)
Over 3lbs. 4ozs. up to 4lbs. 6ozs.	4 (4)	15 (25)	1 (—)	— (1)	14 (24)	93% (96)
Over 4lbs. 6ozs. up to 4lbs. 15ozs.	3 (—)	29 (20)	— (—)	— (1)	29 (19)	100% (95)
Over 4lbs. 15ozs. up to 5lbs. 8ozs.	2 (1)	26 (36)	— (—)	— (1)	26 (35)	100% (97)
TOTALS ...	13 (8)	86 (99)	8 (11)	6 (4)	72 (84)	84% (85)

* Twin Births with the exception of 1 set of Triplets whose birthweights were 3lbs. 15¼ ozs., 4lbs. 10¼ ozs. and 4lbs 15½ ozs. (live births).

TABLE 11. CAUSES OF STILLBIRTH FOR THE YEARS 1952—1955.
 Analysis of midwives reports on stillbirths occurring in the Administrative
 County to County women.

Cause.	% of total still-births attributable to cause.			
	1955	1954	1953	1952
Congenital malformations	18.5	24.4	16.5	17.5
Toxaemia of pregnancy and accidental A.P.H.	23.4	22.1	20.9	17.5
Conditions of cord and placenta	12.8	12.2	10.8	8.4
Difficulties in labour	9.9	9.9	11.5	15.8
Haemolytic disease	—	2.9	2.9	5.8
Chronic ill-health of mother	1.4	—	3.6	1.7
No obvious cause discovered	34.0	28.5	33.8	33.3
TOTAL	100.0	100.0	100.0	100.0
Number of reports received	141	172	139	120
Number of registered stillbirths	178	183	164	142
Stillbirth rate	20.7	22.3	19.8	18.2

TABLE 12. CAUSES OF NEO-NATAL DEATHS,
 1952—1955.

Cause of death.	With prematurity.				Without prematurity.				Total.			
	1955	1954	1953	1952	1955	1954	1953	1952	1955	1954	1953	1952
Prematurity	43	35	47	47	—	—	—	—	43	35	47	47
Asphyxia, Atelectasis	19	23	22	15	5	20	13	6	24	43	35	21
Congenital malformations :												
Alone	11	4	4	3	14	12	17	29	25	16	21	32
With Asphyxia	3	1	—	—	1	1	2	1	4	2	2	1
With Pneumonia	—	2	—	—	4	1	2	3	4	3	2	3
Totals	14	7	4	3	19	14	21	33	33	21	25	36
Birth injury	8	5	6	12	12	8	16	14	20	13	22	26
Haemolytic Disease	1	3	—	—	9	2	1	6	10	5	1	6
Bronchitis and Pneumonia	2	2	1	4	4	6	5	6	6	8	6	10
Misadventure	1	—	—	—	1	—	—	—	2	—	—	—
Other	3	1	—	2	8	5	7	6	11	6	7	8
TOTALS ...	91	76	80	83	58	55	63	71	149	131	143	154

TABLE 13. CAUSES OF DEATH OF INFANTS ONE MONTH TO ONE YEAR
1952—1955

Cause of Death.	With bronchitis or pneumonia.				Without bronchitis or pneumonia.				Total.			
	1955	1954	1953	1952	1955	1954	1953	1952	1955	1954	1953	1952
Bronchitis and Pneumonia	11	21	21	8	—	—	—	—	11	21	21	8
Congenital Malformation ...	8	1	9	9	12	9	4	13	20	10	13	22
Gastro Enteritis	1	2	—	1	2	4	4	9	3	6	4	10
Whooping Cough	1	1	—	—	2	—	—	—	3	1	—	—
Tuberculous Diseases ...	—	—	—	—	2	—	—	—	2	—	—	—
Misadventure	—	—	—	—	11	6	8	8	11	6	8	8
Central Nervous System in- fections	—	1	—	—	—	7	3	1	—	8	3	1
Other	3	3	2	3	3	1	5	8	6	4	7	11
TOTALS ...	24	29	32	21	32	27	24	39	56	56	56	60

TABLE 14. DEATHS OF CHILDREN AGED 1 TO 5 YEARS, 1955.

Cause of Death.	Male.	Female.	Total.
Malignant Neoplasms	6	2	8
Bronchitis and Pneumonia	2	4	6
Congenital Malformations	4	1	5
Leukaemia	2	2	4
Gastro-Enteritis	1	2	3
Meningo-Encephalitis	1	1	2
Motor Vehicle Accidents	1	1	2
Angiomatous Malformation	—	1	1
Appendicitis—Acute and Peritonitis ...	1	—	1
Cardiac Disease	1	—	1
Fanconi Syndrome	1	—	1
Fibrocystic Disease	—	1	1
Infantile Convulsions	1	—	1
Marasmus and White Asphyxia	—	1	1
Nephritis	1	—	1
Pneumococcal Septicaemia	1	—	1
Rheumatoid Arthritis—Still's Disease ...	1	—	1
Tuberculous Meningitis	1	—	1
TOTAL	25	16	41

TABLE 15. AVERAGE BIRTH AND DEATH RATES IN COUNTY DISTRICTS FOR
THE FIVE YEARS 1951-1955 INCLUSIVE.

Live births.		County district.		Stillbirths.		Infant Deaths.		Neo-natal mortality rate.	Mortality rate one month to one year.	Peri- natal mortality rate.
No.	Rate.			No.	Rate.	No.	Rate.			
3,570	15.70	Sutton Coldfield M.B.	...	59	16.02†	61	17.13†	14.60	2.53†	30.62†
4,486	16.25	Nuneaton M.B.	...	107	23.36	122	27.35	19.60	7.75	42.96
2,429	17.62*	Bedworth U.D.	...	61	24.67	78	32.49	20.70	11.79*	45.37
2,020	16.68*	Atherstone R.D.	...	44	21.21	67	33.39	19.91	13.48*	41.12
3,464	14.88†	Rugby M.B.	...	87	24.60	89	25.71	18.19	7.52	42.79
1,744	17.11*	Rugby R.D.	...	43	24.25	45	25.63	17.84	7.79	42.09
3,205	16.64*	Meriden R.D.	...	79	24.31	103	32.25*	19.80	12.45*	44.11
1,355	16.45	Tamworth R.D.	...	31	22.23	44	32.55	20.73	11.82	42.96
5,064	13.80†	Solihull M.B.	...	86	16.83†	123	24.64	17.86	6.78	34.69
3,193	16.42	Leamington Spa M.B.	...	64	19.81	79	24.64	18.65	5.99	38.46
1,215	15.84	Warwick M.B.	...	34	27.35	26	21.33	18.88	2.45†	46.23
925	16.35	Kenilworth U.D.	...	18	19.15	31	33.36	28.89	4.47	48.04
1,127	19.11*	Southam R.D.	...	21	18.64	33	28.94	23.79	5.15	42.43
1,500	15.25	Warwick R.D.	...	32	21.10	37	24.63	20.11	4.52	41.21
1,107	14.91†	Stratford-on-Avon M.B.	...	23	20.53	24	21.99	20.24	1.75†	40.77
1,090	16.47	Alcester R.D.	...	21	18.73	14	12.77†	8.25†	4.52	26.98
676	18.51*	Shipston-on-Stour R.D.	...	13	18.68	9	12.76†	6.87†	5.89	25.55
1,786	18.05*	Stratford-on-Avon R.D.	...	29	15.96	38	21.28	15.13	6.15	31.09
39,956	15.88	All County	...	852	20.88	1,023	25.65	18.33	7.32	39.21

* Significantly higher than the average for the whole County.

† Significantly lower than the average for the whole County.

CHILD WELFARE CENTRES.

(ALSO APPLYING — AT JUNE 1ST, 1956).

Area No.	Area.	Centre.	C. or V.	Where held.	When held (all meetings at 2 p.m. unless otherwise stated).	Medical Officer.	No. of new cases who attended during 1955 and at their 1st attendance were under 1 year.	Total number of children who attended during the year.	Number of attendances made by children under 1.	Total number of attendances.
1	SUTTON COLDFIELD.	Boldmere ...	C.	Boldmere Road ...	Every Wednesday ... Alt. Weds. (Toddlers) 10 a.m.	Dr. M. O'Dea ... Dr. E. M. Stockwin ...	135	451	1,662	2,393
		Four Oaks ...	C.	Mere Green Road ...	Every Tuesday ...	Dr. E. M. Stockwin ...	106	235	1,206	1,480
		Minworth ...	C.	The Green ...	Alternate Weds. ...	Dr. E. M. Stockwin ...	20	72	150	315
		Bannersgate ...	C.	Bannersgate Road ...	Every Friday ... Alt. Fris. (Toddlers) 10 a.m.	Dr. M. O'Dea ... Dr. E. M. Stockwin ...	80	246	1,139	1,428
		Sutton Coldfield ...	C.	49, Holland Street ...	Every Monday ...	Dr. M. O'Dea ...	143	366	1,540	1,978
		Walmley ...	C.	Walmley Road ...	Every Thursday and Alternate Tuesdays	Dr. M. O'Dea ...	181	572	1,724	2,739
						Total ...	665	1,942	7,421	10,333
2	NORTH-EASTERN.	Ansley ...	C.	St. John's Hall ...	Every Wednesday ...	Dr. C. B. Higgle ...	54	202	796	1,481
		Atherstone ...	V.	Station Street ...	Every Wednesday ...	Dr. C. V. Spark ...	97	241	1,279	1,953
		Baddesley Ensor ...	C.	Methodist Church ...	Alternate Fridays ...	Dr. C. B. Higgle ...	30	80	297	540
		Bedworth ...	V.	New Town Road ...	Every Monday, Tuesday, and Thursday	Dr. M. Steane ...	232	620	2,769	3,602
		Bulkington ...	C.	Methodist Church Hall	Every Wednesday ...	Dr. M. Steane ...	50	131	777	1,170
		Dordon ...	V.	Village Hall ...	Alternate Mondays ...	Dr. C. A. Cowie ...	83	180	846	1,328
		Nuneaton ...	C.	Riversley Park Clinic (Cotton Road)	Every Monday, Tuesday and Wednesday	Dr. H. J. Wright ... Dr. G. Hird ...	373	896	3,913	5,130
		Nuneaton ...	C.	Ramsden Avenue, Camp Hill	Every Tuesday and Thursday	Dr. G. L. Park ...	180	451	1,663	2,651
		Polesworth ...	V.	Parish Hall ...	Alternate Tuesdays ...	Dr. C. A. Cowie ...	54	148	749	1,306
		Stockingford ...	C.	Cross Street Clinic	Every Monday and Wednesday	Dr. G. K. Coote ...	149	391	1,885	2,698
						Total ...	1,302	3,340	14,974	21,859
3	EASTERN.	Bilton ...	V.	Church House ...	1st & 3rd Wed. ...	Dr. A. H. M. Young ...	84	213	961	1,216
		Binley ...	C.	Village Hall ...	2nd & 4th Wed. ...	Dr. A. H. M. Young ...	51	88	353	500
		Brinklow ...	V.	Church Rooms ...	1st & 3rd Wed. ...	Dr. A. D. Surtees ...	55	131	372	613
		Clifton-on-Dunsmore	C.	Townsend Memorial Hall	2nd Thursday ...	Dr. A. D. Surtees ...	28	62	140	352
		Dunchurch	C.	W.I. Hall ...	2nd & 4th Thursday	Dr. A. H. M. Young ...	61	134	569	875
		Hillmorton	C.	Dorothy Fenwick Memorial Hall	2nd & 4th Monday	Dr. A. H. M. Young ...	60	121	602	784
		Long Lawford	C.	Church Hall, Chapel Street	1st & 3rd Tuesday	Dr. A. D. Surtees ...	65	150	456	888
		Newbold ...	C.	Church Hall ...	1st & 3rd Friday	Dr. A. H. M. Young ...	67	140	540	734
		New Bilton	C.	Methodist Church Rooms, Lawford Road	Every Wednesday	Dr. A. D. Surtees ...	137	276	1,471	1,863
		Rugby ...	V.	F.A.P. Temple St.	Every Tuesday and Friday	Dr. A. D. Surtees ...	280	537	3,201	3,842
		Stretton-on-Dunsmore	C.	Village Hall ...	1st & 3rd Thursday	Dr. A. D. Surtees ...	42	114	339	606
		Wolston ...	C.	Village Hall ...	2nd & 4th Thursday	Dr. A. D. Surtees ...	36	100	280	541
		Wolvey ...	C.	Village Hall, Sharpe Street	2nd & 4th Tuesday	Dr. A. H. M. Young ...	39	114	391	600
						Total ...	1,005	2,180	9,675	13,414
4	NORTH-WESTERN.	Amington ...	V.	The Band Room	Alternate Wednesdays	Dr. E. A. Bagnall ...	35	90	392	711
		Arley ...	V.	Miners' Welfare Hall	Alternate Tuesdays	Dr. E. A. Bagnall ...	70	160	747	1,129
		Balsall Common ...	C.	Women's Institute	3rd Wednesday	Dr. C. T. Jones ...	26	64	145	271
		Berkswell ...	C.	Reading Room ...	Every 4th Tuesday	Dr. J. Gaston ...	5	49	75	157
		Castle Bromwich ...	V.	Victory Hall ...	Every Tuesday	Dr. C. T. Jones ...	102	208	810	1,053
		Coleshill ...	V.	Park Road ...	Every Monday	Dr. C. T. Jones ...	42	138	591	943
		†Eastern Green ...	C.	Parish Room ...	4th Friday	Dr. C. T. Jones ...	32	63	155	249
		Fillongley ...	C.	Village Hall ...	First Friday	Dr. E. A. Bagnall ...	15	36	98	163
		Hampton-in-Arden	C.	Women's Institute	1st & 3rd Thursdays	Dr. E. A. Bagnall ...	14	49	135	266
		Keresley ...	V.	Welfare Centre Hut	Every Thursday	Dr. E. A. Bagnall ...	133	340	1,563	1,988
		Kingsbury ...	V.	Methodist School Room	Alternate Tuesdays	Dr. E. A. Bagnall ...	94	202	670	925
		Marston Green ...	C.	Free Church Hall	1st & 3rd Fridays (10 a.m.)	Dr. C. T. Jones ...	15	43	129	174
		Meriden ...	C.	Village Hall ...	Alternate Mondays	Dr. C. T. Jones ...	40	80	464	663
		Nether Whitacre ...	C.	Methodist School Room	3rd Friday	Dr. E. A. Bagnall ...	17	43	147	191
		Newton Regis	V.	The Institute	Alternate Wednesdays	Dr. E. A. Bagnall ...	13	40	181	339
		Water Orton	V.	Church Hall	Alternate Wednesdays	Dr. C. T. Jones ...	24	86	373	560
		Wilnecote ...	V.	Parish Hall	Alternate Mondays	Dr. E. A. Bagnall ...	44	108	452	690
						Total ...	721	1,799	7,127	10,472
5	SOLIHULL.	†Bentley Heath ...	C.	Community Hall ...	Every Friday	Dr. J. Henderson ...	25	73	111	221
		Hobs Moat ...	C.	Rodney Road	Every Thursday and Friday	Dr. E. Thompson ...	196	442	2,355	2,866
		Hockley Heath ...	C.	King George VI Memorial Hall	Alternate Tuesdays	Dr. E. A. Galbraith	8	39	94	298
		Knowle ...	V.	W.I., Station Road	Every Thursday	Dr. E. M. Allen & Dr. A. J. Allen ... Dr. R. T. Bower & Dr. J. L. Whatley	60	178	958	1,509
		Olton ...	C.	Congregational Church Room	Every Monday	Dr. E. Thompson	102	238	1,547	1,769
		Sheldon ...	C.	Wagon Lane	Every Tuesday	Dr. E. Thompson	135	292	1,462	1,831
		Shirley ...	V.	Clinic Building, Halifax Road	Every Tuesday, Wednesday and Friday	Dr. M. E. McLachlan	330	811	5,158	6,535
		Solihull ...	V.	Drury Lane	Every Monday	Dr. J. Henderson	153	384	1,955	2,541
						Total ...	1,009	2,457	13,640	17,570
6	CENTRAL.	Barford ...	C.	Village Memorial Hall	3rd Wednesdays	Dr. K. Scott	11	43	62	172
		Bishops Itchington	V.	Memorial Hall	2nd & 4th Wednesdays	Dr. D. S. Williams	21	67	315	513
		Budbrook Barracks	C.	Caravan	1st Friday	Army M.O.	12	45	68	155
		Burton Green ...	C.	Village Hall (Caravan)	2nd & 4th Wednesday	Dr. M. V. Richards	24	63	177	324
		Cubbington ...	V.	Methodist Sunday School	Alternate Tuesdays	Dr. P. Whitfield	32	107	341	676
		Fenny Compton ...	V.	Village Hall	2nd Tuesday	Dr. D. S. Williams	22	74	96	298
		†Finham ...	C.	The Hostel...	Every Tuesday	Dr. P. Whitfield	48	90	321	429
		†Gaydon ...	C.	R.A.F. Station	1st Thursday	R.A.F. M.O.	11	18	22	27
		*Gaydon ...	C.	Hut 50 (Caravan)	4th Thursday	Dr. D. S. Williams	18	36	67	117
		Harbury ...	C.	W.I. Hut	2nd & 4th Wednesdays	Dr. M. V. Richards	15	46	119	336
		Hatton ...	C.	Village Hall	1st Wednesday	Dr. M. V. Richards	22	56	128	256
		Honiley ...	C.	R.A.F. Station (Caravan)	1st Wednesday	R.A.F. M.O.	27	65	120	212
		Kenilworth ...	V.	Station Road	Tuesday & Thursday	Dr. M. V. Richards	131	312	1,562	2,057
		Lapworth ...	C.	Village Hall	3rd Wednesday	Dr. M. V. Richards	28	50	102	169
		Leamington	C.	4, Holly Walk	Every Thursday & Friday	Dr. K. Scott and Dr. P. Whitfield	338	632	3,351	3,953
		Leamington	V.	Community Centre, Tachbrook Road	Every Wednesday	Dr. K. Scott	123	289	1,234	1,535
		Lillington ...	C.	Bowling Club (Caravan)	Every Monday	Dr. M. V. Richards	146	350	1,602	2,173
		Long Itchington	C.	Village Hall	1st Wednesday	Dr. D. S. Williams	18	34	93	168
		Napton ...	C.	Victory Hut (Caravan)	1st & 3rd Tuesdays	Dr. D. S. Williams	13	57	197	397
		*Ratley ...	V.	Village Hall	4th Tuesday	Dr. D. S. Williams	8	45	41	135
		Southam ...	V.	C.W.C. Hut	Alternate Tuesdays	Dr. K. Scott	26	88	423	659
		Stockton ...	C.	Village Hall (Caravan)	3rd Wednesday	Dr. D. S. Williams	10	36	84	174
		Stoneleigh ...	V.	Institute	Alternate Mondays	Dr. M. V. Richards	28	78	299	448
		Warwick ...	V.	F.A.P. Lakin Road	Wednesday & Friday	Dr. P. Whitfield	123	349	2,284	3,062
		Warwick (West)	V.	Race Course	Every Thursday	Dr. M. V. Richards	47	171	603	732
		Whitnash ...	V.	W.I. Hut	Alternate Fridays	Dr. D. F. L. Croft	64	144	610	900
						Total ...	1,366	3,345	14,321	20,077
7	SOUTHERN.	Alcester ...	V.	Baptist School	Alternate Fridays	Dr. E. Thomas	29	73	286	579
		Aldermminster	C.	Village Hall (Caravan)	4th Wednesday	Dr. W. M. Walker	15	58	106	195
		Aston Cantlow ...	C.	Working Men's Club (Caravan)	1st Monday	Dr. E. Thomas	12	40	48	189
		Bearley ...	C.	W.I. Hut (Caravan)	4th Monday	Dr. E. Thomas	19	43	121	194
		Bidford-on-Avon	V.	Welfare Hut	2nd Tuesday	Dr. W. M. Walker	36	73	435	609
		Brailes ...	C.	Village Hall (Caravan)	3rd Wednesday	Dr. W. M. Walker	12	40	89	127
		Earlswood ...	V.	Village Hall	2nd & 4th Monday	Dr. G. W. Phillips	49	108	458	749
		Ettington Park ...	V.	Hut (Caravan)	4th Tuesday	Dr. W. M. Walker	27	49	105	169
		Henley-in-Arden	V.	Public Hall	Alternate Mondays	Dr. W. M. Walker	49	128	427	709
		Ilmington ...	C.	Village Hall (Caravan)	2nd Wednesday	Dr. W. M. Walker	12	31	78	153
		Kineton ...	V.	Village Hall	Alternate Fridays	Dr. W. M. Walker	23	91	253	595
		Quinton ...	C.	W.I. (Caravan)	2nd Monday	Dr. E. Thomas	31	65	160	259
		Salford Priors	C.	Bell Inn (Caravan)	3rd Monday	Dr. W. M. Walker	17	40	84	147
		Shipston-on-Stour	V.	The Hostel...	1st & 3rd Tuesday	Dr. W. M. Walker	41	132	284	685
		Snitterfield ...	C.	Village Hall (Caravan)	3rd Wednesday	Dr. E. Thomas	23	45	129	183
		Stratford-on-Avon	C.	Area Health Dept., Arden Street	Every Tuesday and Wednesday	Dr. E. Thomas	159	325	1,822	2,172
		Studley ...	V.	Baptist Hall (Caravan)	Every Thursday	Dr. W. M. Walker	52	123	670	1,014
		Tanworth-in-Arden	C.	Village Hall (Caravan)	1st Wednesday	Dr. E. A. Galbraith...	21	61	121	230
		Welford-on-Avon	C.	Memorial Hall (Caravan)	4th Wednesday	Dr. W. M. Walker	31	56	133	217
		Wellesbourne ...	C.	Conservative Club (Caravan)	2nd & 4th Thursday	Dr. W. M. Walker	51	145	494	698
						Total ...	709	1,726	6,303	9,873
						County Total ...	6,777	16,789	73,461	103,598

C ... County.
V ... Voluntary.† Centres opened in 1955.
* Centre now closed.

TABLE 16. MIDWIFERY.

NUMBER OF MIDWIVES PRACTISING AT THE END OF EACH YEAR 1951-1955.

Year.	Domiciliary.		Institutional.	
	Employed by the County Council.	In private practice.	Employed by the Hospital Management Committees.	Employed by Nursing Homes.
1955	104	16	132	14
1954	109	28	129	13
1953	92	12	125	11
1952	93	9	105	10
1951	95	13	100	9

NUMBER OF NOTIFIED BIRTHS DURING 1955 IN EACH AREA (1954 in brackets).
(adjusted for inward and outward transfers).

Area.	Adjusted number of notified births.		% Domiciliary.	% Institutional.
Sutton Coldfield ...	808	(717)	24% (25)	74% (75)
North Eastern ...	1,873	(1,783)	49% (51)	51% (49)
Eastern ...	1,036	(1,083)	28% (28)	72% (72)
North Western ...	972	(998)	44% (44)	56% (56)
Solihull ...	1,199	(1,098)	23% (23)	77% (77)
Central ...	1,673	(1,684)	34% (34)	66% (66)
Southern ...	783	(887)	35% (34)	65% (66)
Totals ...	8,344	(8,250)	35% (36)	65% (64)
„ 1953	8,274		33	67
„ 1952	7,792		33	67
„ 1951	7,827		33	67

TABLE 17. HOME NURSING.

CASES ATTENDED DURING 1955 and 1954.
(1954 figures in brackets).

Medical ...	6,217	(5,849)
Surgical ...	1,648	(1,965)
Infectious diseases ...	6	(15)
Tuberculosis ...	394	(456)
Maternal complications ...	69	(92)
Others ...	363	(386)
Total ...	8,697	(8,763)
Number of cases aged over 65 ...	3,939	(3,503)
aged under 5 ...	421	(505)

A total of 247,133 visits was paid during the year compared with 235,773 in 1954.

TABLE 18.

HEALTH VISITING.

VISITS MADE DURING 1955 and 1954.

(1954 figures in brackets).

					<i>First Visits.</i>			<i>Total Visits.</i>
Expectant mothers	...	...	...	1,164	(1,369)	...	2,428	(3,201)
Children under 1 year	...	...	...	8,202	(8,019)	...	61,656	(59,341)
Children 1-5 years	...	...	...	—	—	...	89,625	(88,267)
Tuberculous households	...	...	...	—	—	...	8,869	(8,710)
Geriatric	...	...	...	790	(571)	...	4,235	(3,491)
Home Help	...	...	...	223	(333)	...	1,852	(2,521)
School Nursing :								
Personal hygiene follow-up	...	...	...	—	—	...	2,126	(2,216)
Other follow-up	...	...	...	—	—	...	5,946	(5,699)
Other	...	...	...	—	—	...	4,144	(2,162)
Total	...	...	...	...	...	...	180,881	(175,608)

TABLE 19. SCHEME FOR THE CARE OF THE ILLEGITIMATE CHILD AND ITS MOTHER.

NEW CASES REFERRED IN YEAR ENDED 31ST DECEMBER, 1955.

(The 1954 figures are given in brackets).

Source of Reference.	Number of cases referred.			
	Requiring ante-natal or post-natal accommodation, help and advice.	Requiring help and advice only.	Not requiring help.	Total.
Moral Welfare Societies	16 (26)	8 (10)	— (—)	24 (36)
Medical Officers, Nurses and Midwives	15 (7)	21 (23)	22 (26)	58 (56)
General Practitioners	23 (25)	14 (6)	— (—)	37 (31)
Probation Officers	7 (6)	10 (—)	1 (—)	18 (6)
Hospital Almoners and Matrons ...	20 (13)	34 (20)	24 (11)	78 (44)
Self-referred	22 (16)	11 (13)	— (—)	33 (29)
Miscellaneous Sources	8 (11)	6 (4)	— (—)	14 (15)
TOTALS	111 (104)	104 (76)	47 (37)	262 (217)
Age distribution :				
17 and under	14 (17)	6 (5)	3 (1)	23 (23)
18, 19, 20	39 (30)	28 (19)	5 (6)	72 (55)
21 to 25	32 (31)	28 (22)	8 (8)	68 (61)
26 to 30	18 (11)	19 (13)	9 (6)	46 (30)
31 to 40	8 (14)	20 (13)	11 (10)	39 (37)
41 to 50	— (—)	— (1)	2 (1)	2 (2)
Unknown	— (1)	3 (3)	9 (5)	12 (9)

The marital state of these women was as follows :—

Single	...	...	209	(168)
Married	...	...	19	(8)
Widowed	...	...	6	(9)
Divorced	...	...	7	(1)
Separated	...	...	20	(27)
Not known	...	...	1	(4)

Of the 209 (168) single women 34 (29) had previously borne children [61 (51) babies.]

TABLE 20.

ANTE-NATAL AND POST-NATAL CLINICS.

<i>Clinic.</i>	<i>Ante-natal or Post-natal.</i>	<i>When held.</i>	<i>Medical Officer.</i>	<i>Ante-natal.</i>		<i>Post-natal.</i>	
				<i>No. of women who attended during 1955.</i>	<i>No. of att- endances.</i>	<i>No. of women who attended during 1955.</i>	<i>No. of att- endances.</i>
1. SUTTON COLDFIELD. 49, Holland Street ... *Church Hall, Four Oaks *Boldmere Road ... *The Green, Minworth †Bannersgate Clinic ...	A.N. & P.N. A.N. & P.N. A.N. & P.N. A.N. & P.N. A.N. & P.N.	Alt. Tuesdays 10 a.m. Every Tuesday 2 p.m. Alt. Wednesdays 10 a.m. Alt. Wednesdays 2 p.m. Alt. Fridays a.m.	Dr. E. M. STOCKWIN Dr. E. M. STOCKWIN Dr. E. M. STOCKWIN Dr. E. M. STOCKWIN Dr. E. M. STOCKWIN	45 6 47 4 15	127 11 118 13 67	1 — 4 — —	1 — 4 — —
2. NORTH EASTERN. Child Welfare Centre, Bedworth. Riversley Park Clinic, Nuneaton.	A.N. & P.N. A.N. & P.N.	Every Tuesday 10 a.m. 2nd & 4th Thursdays 2 p.m.	Dr. D. W. HENDRY Dr. D. W. HENDRY	226 99	840 319	46 1	46 14
Cross St., Stockingford	A.N. & P.N.	1st & 3rd Thursdays 2 p.m.	Dr. D. W. HENDRY	62	181	11	11
3. EASTERN. Temple Street, Rugby	A.N. & P.N.	Alt. Wednesday 2 p.m.	Dr. J. R. OWEN	83	129	3	3
4. NORTH WESTERN. Welfare Centre Hut, Keresley.	A.N. & P.N.	1st Wednesday 10 a.m.	Dr. C. T. JONES.	30	69	1	1
* Combined with Child Welfare Centres. † Combined with Toddler Clinic.			TOTALS 1955 ... TOTALS 1954 ...	617 631	1,874 1,985	66 88	80 92

TABLE 21. DENTAL TREATMENT FOR EXPECTANT AND NURSING
MOTHERS AND PRE-SCHOOL CHILDREN, 1955.

AREA.	<i>Expectant and Nursing Mothers.</i>				<i>Pre-school Children.</i>			
	<i>Exam- ined.</i>	<i>Need- ing Treat- ment.</i>	<i>Treated. *</i>	<i>Made Dent- ally. fit.*</i>	<i>Exam- ined.</i>	<i>Need- ing Treat- ment.</i>	<i>Treated. *</i>	<i>Made Dent- ally. fit.*</i>
Sutton Coldfield	17	16	12	11	134	101	96	84
North Eastern ...	27	27	27	9	74	68	66	59
Eastern ...	—	—	—	—	49	49	46	31
North Western ...	—	—	—	—	5	5	5	5
Solihull ...	23	21	23	14	172	150	131	112
Central ...	13	13	10	3	44	43	45	41
Southern ...	—	—	—	1	103	32	24	21
Total, 1955	80	77	72	38	581	448	413	353
1954 ...	85	81	67	22	643	520	463	429
1953 ...	54	40	25	12	441	364	362	300
1952 ...	67	46	32	15	461	335	334	284
1951 ...	102	86	61	35	405	329	348	285
1950 ...	48	85	47	15	347	285	294	189

* Including cases carried over from previous year.

TABLE 22. FORMS OF DENTAL TREATMENT PROVIDED.

<i>Number of</i>				<i>To Expectant and Nursing Mothers.</i>	<i>To Pre-School Children.</i>
Extractions	...	...	...	106	565
Teeth filled	...	...	...	109	167
General Anaesthetics	...	...	...	10	217
Dentures—Complete	...	...	...	26	—
—Partial	...	...	...	12	—
Crowns	...	...	...	—	—
Inlays	...	...	...	—	—
Other treatments	...	...	...	157	387

REGISTRATION OF NURSING AND MATERNITY HOMES.

TABLE 23. NURSING AND MATERNITY HOMES ON REGISTER,
31st DECEMBER, 1955.

Area.	Home.	No. of Beds.				
		Maternity.	Other.	Total.		
1. Sutton Coldfield.	" Roxton," 154, Birmingham Road, Sutton Coldfield.	—	17	17		
	" Woodleigh " 315, Birmingham Road, Wylde Green.	—	18	18		
	" Highfield " Boldmere Road, Sutton Coldfield.	7	—	7		
	" Sutton Coldfield," 71, Lichfield Road, Sutton Coldfield.	—	12	12		
5. Solihull.	" Francis Way " Bentley Heath, Knowle.	30	—	30		
	" Merville " 667, Haslucks Green Road, Shirley.	—	6	6		
6. Central.	" River Park," Blackdown, Leaming- ington Spa.	10	14	24		
	" Priory Lodge,' Priory Terrace, Leamington Spa.	2	3	5		
	" Eversleigh " 2, Clarendon Place, Leamington Spa.	4	13	17		
7. Southern.	Avon Cottage, Ryon Hill, Stratford- on-Avon.	2	—	2		
	" Beatrice Stevens," Kinwarton Road, Alcester.	2	—	2		
1955	Number of Homes 11	Number of Beds ...		57	83	140
1954	" " " 13	" " " ...		66	93	159
1953	" " " 13	" " " ...		78	79	157
1952	" " " 14	" " " ...		78	86	164
1951	" " " 14	" " " ...		74	92	166

DIPHTHERIA IMMUNISATION.

TABLE 24. NUMBER OF IMMUNISATIONS CARRIED OUT DURING 1955.

Area.	Number of children who completed a full course of Primary Immunisation.				Number of children given Reinforcing Injection.
	Age at Final Injection.				
	Under 1.	1—4	5—14	Total.	
Sutton Coldfield ...	343	160	10	513	622
North Eastern ...	579	666	391	1,636	631
Eastern ...	585	241	45	871	638
North Western ...	474	241	67	782	1,093
Solihull ...	664	244	32	940	1,119
Central ...	776	561	247	1,584	1,689
Southern ...	547	330	113	990	996
1955 Totals ...	3,968	2,443	905	7,316	6,788
1954 Totals ...	3,975	2,658	1,124	7,757	8,173
1953 Totals ...	2,737	1,945	735	5,417	5,958
1952 Totals ...	3,130	2,421	804	6,355	7,531
1951 Totals ...	6,464		937	7,401	7,063

TABLE 25. NUMBER OF CHILDREN KNOWN TO HAVE BEEN IMMUNISED
AT ANY TIME BEFORE 31st DECEMBER, 1955.

Age at 31st Dec., 1955	Number of children immunised.							County Totals.	Approx. % of all children.
	Area.								
	1	2	3	4	5	6	7		
14	433	1,134	666	610	708	575	587	4,713	69
13	464	1,083	728	693	676	749	733	5,126	69
12	598	1,136	848	823	780	966	862	6,013	74
11	663	1,290	807	949	959	982	821	6,471	72
10	514	932	538	802	797	963	755	5,301	65
9	519	918	723	761	861	1,015	783	5,580	64
8	680	1,363	849	882	975	1,181	994	6,924	73
7	636	1,541	766	906	1,005	1,239	921	7,014	80
6	559	1,414	827	760	776	1,088	859	6,283	75
5	570	1,128	813	686	692	1,036	808	5,733	76
4	543	1,107	710	629	721	903	846	5,459	73
3	502	840	707	574	719	963	829	5,134	69
2	563	963	689	595	724	1,118	822	5,474	69
1	430	837	690	561	689	983	680	4,870	62
Under 1	53	204	169	98	106	172	149	951	12
All ages under 15	7,727	15,890	10,530	10,329	11,188	13,933	11,449	81,046	65
Est. total pop. under 15 mid-1955	10,975	28,132	16,433	15,065	18,410	22,847	13,238	125,100	—
Percentage Immunised	70	57	64	68	61	61	86	65	—

TABLE 26.

WHOOPING COUGH IMMUNISATION.
Primary Immunisations completed during 1955.

Area.	Children born in				Total immunised in		
	1955	1954	1951-1953	1941-1950	1955	1954	1953
Sutton Coldfield	31	275	44	8	358	472	240
North Eastern	185	629	265	157	1,236	1,011	748
Eastern	167	540	133	53	893	918	590
North Western	95	401	107	22	625	743	482
Solihull	97	545	133	31	806	704	764
Central	168	753	236	65	1,222	1,241	768
Southern	143	479	142	23	787	851	494
Totals	886	3,622	1,060	359	5,927	5,940	4,086

TABLE 27.

SMALLPOX VACCINATION, 1951—1955.

Age at Date of Vaccination.	NUMBER OF PERSONS VACCINATED DURING YEAR.								
	1955.				Total 1955	Total 1954	Total 1953	Total 1952	Total 1951
	Under 1	1—4	5—14	15 or over.					
Area.									
Sutton Coldfield	497	32	13	26	568	548	444	376	519
North Eastern	245	83	23	35	386	333	278	239	296
Eastern	474	55	11	49	589	560	439	428	539
North Western	361	46	6	19	432	411	401	365	313
Solihull	704	57	22	28	811	680	539	567	684
Central	669	63	27	59	818	744	641	616	632
Southern	405	34	36	49	524	478	518	481	423
Totals 1955	3,355	370	138	265	4,128				
Totals 1954	2,979	434	107	234		3,754			
Totals 1953	2,422	299	132	407			3,260		
Totals 1952	2,375	245	150	302				3,072	
Totals 1951	2,445	364	156	441					3,406

TABLE 28.

SMALLPOX RE-VACCINATION, 1951—1955.

Age at Date of Re-Vaccination.	NUMBER OF PERSONS RE-VACCINATED DURING YEAR.								
	1955.				Total 1955	Total 1954	Total 1953	Total 1952	Total 1951
	Under 1	1—4	5—14	15 or over					
Area.									
Sutton Coldfield	—	—	9	104	113	104	147	128	115
North Eastern	8	7	6	21	42	25	115	29	63
Eastern	—	1	12	163	176	205	176	167	72
North Western	—	—	6	27	33	61	105	35	127
Solihull	—	—	26	121	147	133	187	120	143
Central	—	4	18	130	152	137	325	131	143
Southern	—	3	18	132	153	102	112	130	211
Totals 1955	8	15	95	698	816				
Totals 1954	7	11	53	696		767			
Totals 1953	—	22	78	1,067			1,167		
Totals 1952	—	22	92	626				740	
Totals 1951	—	21	73	780					874

TABLE 29. NOTIFICATION OF INFECTIOUS DISEASES.—Summary of Returns of Medical Officers of Health for the year ended 31st December, 1955.

Area, and County Districts.	Estimated Population Mid-1955.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Measles (excluding Rubella).	Acute Pneumonia.	Meningococcal Infection.	Acute Polio- myelitis.		Acute Encephalitis.		Dysentery.	Ophthalmia Neonatorum.	Puerperal Pyrexia.	Smallpox.	Paratyphoid Fever.	Enteric or Typhoid Fever.	Food Poisoning.	Tuber- culosis.			Erysipelas.	Malaria.		
								Paralytic.	Non- Paralytic.	Infective.	Post Infectious.								Pulmonary.	Meninges and C.N.S.	Other Forms.		Contracted in this country.	Contracted abroad.	Induced in institution.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1. SUTTON COLDFIELD. Sutton Coldfield M.B.	50,630	62	92	—	1390	25	1	8	4	—	—	6	3	7	—	1	1	4	28	1	3	3	—	—	—
2. NORTH-EASTERN. Nuneaton M.B. ...	55,830	62	69	—	1194	55	2	4	5	—	—	53	2	1	—	—	—	11	58	—	9	7	—	—	—
Bedworth U.D. ...	27,570	27	128	—	865	7	2	—	2	—	—	1	—	1	—	1	—	5	30	—	4	2	—	—	—
Atherstone R.D. ...	24,540	15	43	—	658	53	—	1	1	—	—	61	—	2	—	—	—	4	14	3	2	—	—	—	—
Totals ...	107,940	114	240	—	2717	115	4	5	8	—	—	115	2	4	—	1	—	20	102	3	15	9	—	—	—
3. EASTERN. Rugby M.B. ...	46,790	36	78	—	1428	39	—	3	1	—	—	5	1	2	—	—	—	2	71	2	4	6	—	—	—
Rugby R.D. ...	21,170	8	25	—	246	3	—	1	2	—	—	1	—	1	—	—	—	—	17	—	2	2	—	—	—
Totals ...	67,960	44	103	—	1674	42	—	4	3	—	—	6	1	3	—	—	—	2	88	2	6	8	—	—	—
4. NORTH-WESTERN. Meriden R.D. ...	42,870	28	57	—	705	40	1	6	3	—	—	60	7	73	—	—	—	11	31	1	4	3	—	—	—
Tamworth R.D. ...	16,840	8	8	—	410	12	—	2	—	—	—	—	—	—	—	—	—	2	8	—	1	1	—	—	—
Totals ...	59,710	36	65	—	1115	52	1	8	3	—	—	60	7	73	—	—	—	13	39	1	5	4	—	—	—
5. SOLIHULL. Solihull M.B. ...	75,740	49	186	—	1790	52	2	3	1	1	—	2	11	9	—	—	—	12	31	—	3	8	—	1	—
6. CENTRAL. Leamington Spa M.B.	37,950	36	102	—	411	36	—	4	1	—	—	3	—	38	—	1	—	6	43	1	4	4	—	—	—
Warwick M.B. ...	15,670	7	16	—	95	5	2	—	—	—	—	2	—	10	—	—	—	2	23	2	5	1	—	—	—
Kenilworth U.D. ...	11,550	4	9	—	348	9	—	—	—	—	—	5	—	—	—	—	—	—	7	—	2	—	—	—	—
Southam R.D. ...	14,470	19	16	—	183	7	—	1	—	—	—	—	—	—	—	—	—	—	7	—	4	—	—	—	—
Warwick R.D. ...	20,570	20	28	—	169	22	—	—	—	—	—	3	—	—	—	4	—	9	26	—	3	2	—	—	—
Totals ...	100,210	86	171	—	1206	79	2	5	1	—	—	13	—	48	—	5	—	17	106	3	18	7	—	—	—
7. SOUTHERN. S'ford-upon-Avon M.B.	14,870	2	58	—	186	20	—	—	—	1	—	1	—	11	—	—	—	—	16	—	3	2	—	—	—
Alcester R.D. ...	13,430	27	20	—	377	18	1	1	1	—	—	—	1	—	—	—	—	2	9	—	—	1	—	—	—
Shipston-on-Stour R.D.	7,940	—	36	—	222	6	—	—	1	—	—	—	—	—	—	—	—	—	3	—	—	—	—	—	—
S'ford-on-Avon R.D.	22,570	6	66	—	236	9	—	2	1	—	1	—	2	—	—	—	—	1	17	1	4	1	—	—	—
Totals ...	58,810	45	180	—	1021	53	1	3	3	1	1	1	3	11	—	—	—	3	45	1	7	4	—	—	—
COUNTY TOTALS ...	521,000	436	1037	—	10913	418	11	36	23	2	1	203	27	155	—	7	1	71	439	11	57	43	—	1	—
1954 ...	509,000	524	1080	—	1010	394	13	8	1	3	1	219	38	199	—	3	—	83	497	—	80	65	—	4	—
1953 ...	499,000	633	1776	—	5417	511	13	63	49	1	—	128	9	191	—	5	—	36	473	—	76	76	—	5	—

TABLE 30. NUMBER OF DEATHS FROM INFECTIOUS DISEASES, 1945-55.

DISEASE.	1945.	1946.	1947.	1948.	1949.	1950.	1951.	1952.	1953.	1954.	1955.
Diphtheria	6	3	3	12	1	1	3	—	—	—	—
Scarlet Fever	1	1	—	—	—	—	—	—	—	—	—
Measles	12	3	4	3	2	—	3	1	2	—	1
Whooping cough	12	5	10	2	5	4	7	—	1	5	4
Poliomyelitis and Polio- Encephalitis.	1	4	10	4	7	13	—	2	11	2	3
Pneumonia	204	219	273	199	271	228	253	190	259	241	309
Tuberculosis (Pulmon- ary).	175	192	179	186	146	122	103	69	69	52	55
Tuberculosis (Other forms).	40	39	36	31	31	27	23	11	7	6	13

TABLE 31. POLIOMYELITIS, 1955 and 1954. (1954 figures in brackets.)

Area.	PARALYTIC.							NON-PARALYTIC.			
	Age in years.			Total.	Died.	residual paralysis.	No. residential paralysis or unknown	Age in years.			Total.
	0—4	5—14	15 and over.					0—4	5—14	15 and over.	
1. Sutton Coldfield.	3 (—)	2 (—)	3 (—)	8(—)	— (—)	6 (—)	2 (—)	1 (—)	1 (—)	2 (—)	4 (—)
2. North Eastern.	2 (—)	2 (—)	1* (1)	5 (1)	1 (—)	1 (—)	3 (1)	1 (—)	4 (—)	2 (—)	7 (—)
3. Eastern.	2 (1)	1 (1)	1 (1)	4 (3)	— (—)	3 (2)	1 (1)	— (—)	3 (—)	— (—)	3 (—)
4. North Western.	2 (—)	3 (—)	3 (—)	8 (—)	— (—)	4 (—)	4 (—)	1 (—)	1 (—)	1 (—)	3 (—)
5. Solihull.	— (1)	2 (—)	1 (—)	3 (1)	1 (—)	— (1)	2 (—)	— (1)	1 (—)	— (—)	1 (1)
6. Central	1 (1)	3* (1)	1 (1)	5 (3)	1 (—)	4 (3)	— (—)	1 (—)	— (—)	— (—)	1 (—)
7. Southern	— (—)	1 (—)	2 (—)	3 (—)	— (—)	— (—)	3 (—)	— (—)	1 (—)	2 (—)	3 (—)
TOTALS ...	10 (3)	14 (2)	12 (3)	36 (8)	3 (—)	18 (6)	†15 (2)	4 (1)	11 (—)	7 (—)	22 (1)

* One died.
† Including three cases where condition unknown.

TABLE 32. TUBERCULOSIS STAFF AND CLINICS.

These clinics are the responsibility of the Regional Hospital Board. The County Council pays a proportion of the salaries of the Chest Physicians, and the Health Department's Health Visitors attend at the clinics.

Area.	Chest Physicians.	Assistant *Chest Physicians.	Chest Clinics.
1. Sutton Coldfield. 2. North Eastern. 3. Eastern. 4. North-Western.	Dr. A. O. BECH.	Dr. E. M. CALVEY (ii) and (iii) Dr. J. MOKRZYCKA- PARAFJANOWICZ (iii) Dr. W. E. ZUNDEL (iii) and (v). Dr. R. B. ILLING (iv)	(i) School Clinic, Sutton Coldfield, (ii) 5, Market Street, Atherstone. (iii) Riversley Park, Nuneaton. (iv) St. Luke's Hospital, Rugby. (v) First Aid Post, Coleshill.
5. Solihull. 6. Central. 7. Southern.		Dr. L. E. BURKEMAN †Dr. ROSEMARY DAVIES	(vi) 1, Lode Lane, Solihull. (vii) Warneford Hospital, Leamington Spa. (viii) Health Department, Arden Street, Stratford-upon-Avon.

* The clinics in which these officers work are indicated after their names.
† The County Council does not pay a proportion of this Officer's salary.
Dr. BECH is also responsible for Coventry County Borough.
Dr. L. G. MACLACHLAN works entirely in the Coventry Chest Clinic, but the County Council pays a small proportion of his salary as he sees Warwickshire patients.

TABLE 33.

TUBERCULOSIS, 1955.

Area.	County Districts.	PRIMARY NOTIFICATIONS.								OTHER NOTIFICATIONS.								NO. OF DEFINITE CASES ON CLINIC REGISTER AT THE END OF 1955.								DEATHS.								MORTALITY. RATES. (Per 1,000 population)		
		Pulmonary.				Other Forms.				Pulmonary.				Other Forms.				Pulmonary.				Other Forms.				Pulmonary.				Other Forms.				Pul-monary.	Other forms.	Total
		M.	F.	Ch.	Total.	M.	F.	Ch.	Total.	M.	F.	Ch.	Total.	M.	F.	Ch.	Total.	M.	F.	Ch.	Total.	M.	F.	Ch.	Total.	M.	F.	Ch.	Total.	M.	F.	Ch.	Total.			
1. SUTTON COLD-FIELD	Sutton Coldfield M.B.	18	8	3	29	2	1	—	3	—	—	—	—	—	—	—	—	118	87	19	224	11	11	10	32	4	1	—	5	2	—	—	2	0.10	0.04	0.14
2. NORTH-EASTERN	Nuneaton M.B. ...	29	25	4	58	1	6	2	9	—	—	—	—	1	—	—	—	222	201	64	487	20	20	23	63	6	1	—	7	1	—	1	2	0.12	0.04	0.16
	Bedworth U.D. ...	17	9	3	29	2	2	—	4	—	—	—	—	—	—	—	—	135	95	39	269	8	26	13	47	3	2	—	5	1	—	—	1	0.18	0.04	0.22
	Atherstone R.D. ...	6	4	3	13	2	—	3	5	1	—	—	1	—	—	—	—	80	67	11	158	12	14	19	45	2	—	—	2	—	—	—	—	0.08	—	0.08
	TOTALS ...	52	38	10	100	5	8	5	18	1	—	—	1	1	—	—	1	437	363	114	914	40	60	55	155	11	3	—	14	2	—	1	3	0.13	0.03	0.16
3. EASTERN	Rugby M.B. ...	32	31	8	71	3	3	2	8	—	—	—	—	—	—	—	—	240	170	32	442	14	26	13	53	3	1	—	4	1	—	1	2	0.09	0.04	0.13
	Rugby R.D. ...	6	3	7	16	1	1	—	2	—	—	—	—	—	—	—	—	74	37	17	128	7	15	10	32	1	—	—	1	—	—	—	—	0.05	—	0.05
	TOTALS ...	38	34	15	87	4	4	2	10	—	—	—	—	—	—	—	—	314	207	49	570	21	41	23	85	4	1	—	5	1	—	1	2	0.07	0.03	0.10
4. NORTH-WEST-ERN	Meriden R.D. ...	18	10	1	29	1	4	—	5	2	1	—	3	—	—	—	—	110	94	21	225	10	12	26	48	3	2	—	5	—	—	—	—	0.12	—	0.12
	Tamworth R.D. ...	4	3	1	8	—	1	—	1	—	—	—	—	—	—	—	—	34	19	5	58	3	3	6	12	1	1	—	2	—	—	—	—	0.12	—	0.12
	TOTALS ...	22	13	2	37	1	5	—	6	2	1	—	3	—	—	—	—	144	113	26	283	13	15	32	60	4	3	—	7	—	—	—	—	0.12	—	0.12
5. SOLIHULL	Solihull M.B. ...	18	12	1	31	—	2	1	3	—	—	—	—	—	—	—	—	156	140	11	307	11	10	4	25	5	1	—	6	—	—	—	—	0.08	—	0.08
6. CENTRAL.	Leamington Spa M.B....	27	8	5	40	3	—	2	5	2	—	—	2	—	—	—	—	127	95	16	238	7	9	9	25	3	1	—	4	1	—	2	3	0.10	0.08	0.18
	Warwick M.B. ...	9	10	4	23	2	2	3	7	1	—	—	1	—	—	—	—	77	45	11	133	5	4	6	15	4	—	—	4	—	—	1	1	0.26	0.06	0.32
	Kenilworth U.D. ...	3	3	1	7	—	1	1	2	—	—	—	—	—	—	—	—	33	22	7	62	3	1	1	5	—	—	—	—	—	—	—	—	—	—	—
	Southam R.D. ...	3	4	—	7	3	2	—	5	—	—	—	—	—	—	—	—	33	44	4	81	8	8	9	25	—	1	—	1	—	—	—	—	0.07	—	0.07
	Warwick R.D. ...	16	5	3	24	1	1	1	3	—	1	1	2	—	—	—	—	94	55	5	154	6	8	10	24	3	2	—	5	—	1	—	1	0.24	0.05	0.29
	TOTALS ...	58	30	13	101	9	6	7	22	3	1	1	5	—	—	—	—	364	261	43	668	29	30	35	94	10	4	—	14	1	1	3	5	0.14	0.05	0.19
7 SOUTHERN	S'tford-upon-Avon M.B.	10	5	—	15	3	—	—	3	—	—	—	—	—	—	—	—	37	23	3	63	6	—	2	8	—	—	—	—	1	—	—	1	—	0.07	0.07
	Alcester R.D. ...	8	2	—	10	—	—	—	—	—	—	—	—	—	—	—	—	37	21	1	59	3	6	5	14	1	—	—	1	—	—	—	—	0.07	—	0.07
	Shipston-on-Stour R.D.	2	1	—	3	—	—	—	—	—	—	—	—	—	—	—	—	18	13	2	33	2	1	4	7	—	—	—	—	—	—	—	—	—	—	—
	Stratford-on-Avon R.D.	8	7	2	17	4	1	—	5	—	—	—	—	—	—	—	—	45	35	7	87	9	6	6	21	2	1	—	3	—	—	—	—	0.13	—	0.13
	TOTALS ...	28	15	2	45	7	1	—	8	—	—	—	—	—	—	—	—	137	92	13	242	20	13	17	50	3	1	—	4	1	—	—	1	0.07	0.02	0.09
	COUNTY TOTALS ...	234	150	46	430	28	27	15	70	6	2	1	9	1	—	—	1	1670	1263	275	3208	145	180	176	501	41	14	—	55	7	1	5	13	0.11	0.02	0.13
	TOTALS FOR 1954 ...	279	165	53	497	24	21	35	80	72	83	2	157	4	6	2	12	1559	1197	308	3064	126	168	238	532	39	12	1	52	3	2	1	6	0.10	0.01	0.11
	TOTALS FOR 1953 ...	226	190	57	473	15	24	37	76	58	42	5	105	1	3	3	7	1405	1078	306	2789	137	161	236	534	56	13	—	69	3	2	2	7	0.14	0.01	0.15
	TOTALS FOR 1952 ...	237	161	62	460	14	26	60	100	42	44	5	91	4	5	2	11	1293	994	276	2563	160	168	231	559	46	23	—	69	4	2	5	11	0.14	0.02	0.16
	TOTALS FOR 1951 ...	210	144	64	418	13	21	41	75	36	30	3	69	4	3	2	9	1236	898	274	2408	175	168	236	579	66	35	2	103	10	6	7	23	0.21	0.04	0.25

TABLE 34. NEW NOTIFICATIONS OF PULMONARY TUBERCULOSIS, 1954 and 1955. BY AGE, SEX & STAGE OF DISEASE (1954 figures in brackets).

	Males.										Females.									
	Early.				Inter.		Late.		Total class- ified.	Total unclass- ified.	Early.				Inter.		Late.		Total class- ified.	Total unclass- ified.
	T.B.—		T.B.+		T.B.—	T.B.+	T.B.—	T.B.+			T.B.—	T.B.+	T.B.—	T.B.+	T.B.—	T.B.+				
Under 15 ...	16 (28)	1 (—)	3 (3)	1 (—)	— (—)	— (1)	21 (32)	4 (3)	15 (18)	— (—)	3 (3)	— (—)	— (—)	— (—)	— (—)	18 (21)	1 (—)			
15 to 24 ...	26 (29)	1 (4)	8 (9)	8 (6)	2 (—)	— (1)	45 (49)	4 (10)	26 (22)	1 (3)	10 (16)	9 (8)	1 (1)	— (5)	— (5)	47 (55)	4 (2)			
25 to 34 ...	19 (17)	2 (3)	14 (13)	10 (15)	1 (3)	6 (2)	52 (53)	5 (9)	21 (21)	2 (2)	12 (8)	5 (8)	— (6)	5 (1)	45 (46)	3 (5)				
35 to 44 ...	11 (12)	3 (4)	13 (9)	6 (13)	— (3)	10 (7)	43 (48)	5 (4)	9 (10)	— (—)	10 (7)	4 (3)	2 (—)	1 (2)	26 (22)	1 (1)				
45 to 54 ...	7 (15)	1 (2)	9 (15)	5 (14)	— (2)	6 (8)	28 (56)	7 (5)	8 (2)	— (1)	3 (5)	2 (4)	— (1)	2 (2)	15 (15)	3 (—)				
55 to 64 ...	7 (4)	— (—)	4 (9)	4 (4)	— (1)	11 (3)	26 (21)	3 (5)	1 (2)	— (—)	1 (3)	— (1)	— (1)	— (2)	2 (9)	— (1)				
65 and over	1 (1)	— (—)	3 (6)	3 (1)	2 (—)	6 (3)	15 (11)	1 (8)	— (1)	— (—)	2 (2)	— (—)	2 (1)	2 (—)	6 (4)	— (2)				
Total ...	87 (106)	8 (13)	54 (64)	37 (53)	5 (9)	39 (25)	230 (270)	29 (44)	80 (76)	3 (6)	41 (44)	20 (24)	5 (10)	10 (12)	159 (172)	12 (11)				

TABLE 35. DEATHS FROM RESPIRATORY TUBERCULOSIS, 1955.

	Males.							Females.								
	Not noti- fied.	Year of Notification.						Total.	Not noti- fied.	Year of Notification.						Total.
		1955	1954	1953	1952	1951	Before 1951			1955	1954	1953	1952	1951	Before 1951	
Under 15 ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15 to 24 ...	—	1	—	—	—	—	1	—	—	1	—	—	—	—	—	2
25 to 34 ...	—	1	1	—	1	—	4	—	—	—	1	—	—	—	—	1
35 to 44 ...	2	—	—	—	—	—	3	1	—	—	1	—	—	—	—	2
45 to 54 ...	—	—	—	—	1	—	4	—	—	—	3	—	—	—	2	5
55 to 64 ...	2	—	3	—	1	—	5	—	—	—	1	—	—	—	1	3
65 and over	1	—	1	1	3	2	3	1	—	—	—	—	—	—	—	1
TOTAL ...	5	2	5	2	6	2	19	41	2	1	1	6	—	3	—	14

TABLE 36.

MASS RADIOGRAPHY SURVEYS IN WARWICKSHIRE 1955. *

Area.	Number of Miniature examinations divided into age groups (Information supplied by General Register Office based on 10% samples of all record cards for the year).							Resulting notified cases of pulmonary tuberculosis divided into age groups. (Information obtained from Chest Clinics).								
	Under 14 yrs.	15 to 24 yrs.	25 to 34 yrs.	35 to 44 yrs.	45 to 54 yrs.	55 to 64 yrs.	65 yrs. and over.	Total.	Under 14 yrs.	15 to 24 yrs.	25 to 34 yrs.	35 to 44 yrs.	45 to 54 yrs.	55 to 64 yrs.	65 and over.	Total.
WARWICK M.B. ...	40	100	60	50	30	—	—	280	—	1 (1)	—	—	—	—	—	1 (1)
LEAMINGTON M.B. ...	100	320	320	280	100	80	10	1,210	—	—	1	1 (1)	—	—	—	2 (1)
STRATFORD M.B. ...	460	560	430	600	320	160	40	2,570	—	1	2 (1)	1	—	—	—	4 (1)
NUNEATON M.B. ...	380	2,180	1,810	1,400	1,210	540	180	7,700	1	3 (1)	4	3	2 (1)	2 (1)	2	17 (3)
RUGBY M.B. ...	280	1,410	1,470	1,600	1,420	960	290	7,430	1	8	8 (1)	6 (1)	4	4 (1)	—	31 (3)
SOLIHULL M.B. ...	30	30	130	200	70	40	60	560	—	—	—	—	—	—	—	—
BEDWORTH U.D. ...	80	470	300	240	250	110	40	1,490	—	2 (1)	1	—	—	1 (1)	—	4 (2)
KENILWORTH U.D. ...	—	90	80	90	50	20	—	330	—	—	—	—	—	—	—	—
WARWICK R.D. ...	30	170	270	440	280	300	340	1,830	—	—	—	1	1 (1)	—	—	2 (1)
SOUTHAM R.D. ...	90	80	180	50	30	10	10	450	—	—	1	—	—	—	—	1
STRATFORD R.D. ...	320	220	120	160	230	170	10	1,230	—	—	1 (1)	—	1	—	—	2 (1)
SHIPSTON-ON-STOUR R.D. ...	30	20	60	20	—	20	—	150	—	—	—	—	—	—	—	—
ALCESTER R.D. ...	260	130	150	70	60	10	—	680	—	—	1 (1)	1	—	—	—	2 (1)
ATHERSTONE R.D. ...	20	330	340	260	270	100	60	1,380	—	1	—	—	—	—	—	3 (1)
RUGBY R.D. ...	140	600	180	250	220	50	10	1,450	—	—	—	—	—	2 (1)	—	6
MERIDEN R.D. ...	60	330	480	190	150	70	20	1,300	5	—	—	—	—	1	—	—
TAMWORTH R.D. ...	—	130	270	190	270	170	40	1,070	—	1 (1)	—	—	—	—	—	1 (1)
TOTALS ...	2,320	7,170	6,650	6,090	4,960	2,810	1,110	31,110	7	17 (4)	19 (4)	13 (2)	8 (2)	10 (4)	2	76 (16)
							Number of notified cases per 1,000 X-rayed.		3.0	2.4	2.9	2.1	1.6	3.6	1.8	2.4

* Figures kindly supplied by Dr. Gordon Evans of the Coventry Mass Radiography Unit and Dr. L. A. McDowell of Birmingham Mass Radiography Unit.

NOTE. The figures in brackets are tuberculous positive cases. These are included in the totals and are NOT additional.

TABLE 37. NOTIFICATIONS OF NON-PULMONARY TUBERCULOSIS, 1955.
(Primary notifications and posthumous notifications).
ANALYSIS BY SITE.

Site.	1955.			Total 1954	Total 1953
	Male.	Female.	Total.		
Glands—Mainly					
Cervical	8	6	14	39	21
Meninges	4	4	8	8	10
Bones and Joints	10	8	18	17	22
Abdomen	2	6	8	5	9
Genito-Urinary ...	9	6	15	8	13
Misc.	2	6	8	4	3
TOTAL	35	36	71	81	78

TABLE 38. TUBERCULOSIS.—Average Rates in County Districts for the five years 1951-1955 inclusive.

Popula- tion Mid-1955.	County District.	Pulmonary tuberculosis.				Non-pulmonary tuberculosis.	
		New notifications.		Deaths.		New notifications.	
		Total number.	Rate per 1,000 pop. per year.	Total number.	Rate per 1,000 pop. per year.	Total number.	Rate per 1,000 pop. per year.
50,630	Sutton Coldfield M.B.	133	0.54†	22	.09	21	.08
55,830	Nuneaton M.B. ...	345	1.26*	50	.18	51	.18
27,570	Bedworth U.D. ...	202	1.55*	26	.20	28	.21
24,540	Atherstone R.D. ...	101	0.85	22	.18	32	.27*
46,790	Rugby M.B.	353	1.52*	38	.16	52	.22
21,170	Rugby R.D.	95	0.89	8	.07	22	.20
42,870	Meriden R.D.	151	0.77	20	.10	43	.22
16,840	Tamworth R.D. ...	42	0.51†	11	.13	8	.10
75,740	Solihull M.B.	204	0.56†	38	.11	18	.05†
37,950	Leamington M.B. ...	177	0.95	29	.15	28	.15
15,670	Warwick M.B.	104	1.33*	19	.24*	16	.20
11,550	Kenilworth U.D. ...	48	0.87	5	.09	4	.07†
14,470	Southam R.D.	50	0.76	6	.09	13	.19
20,570	Warwick R.D.	93	0.94	19	.19	16	.16
14,870	Stratford-on-Avon M.B.	45	0.61†	7	.09	11	.15
13,430	Alcester R.D.	50	0.75	9	.13	16	.24
7,940	Shipston-on-Stour R.D.	22	0.56†	3	.07	6	.15
22,570	Stratford-on-Avon R D.	65	0.60†	16	.15	15	.15
521,000	All County	2,280	0.91	348	.14	400	.16

* Significantly higher than the average for the whole County.
† Significantly lower than the average for the whole County.

TABLE 39.

B.C.G. VACCINATION, 1955.

The majority of these vaccinations were of child contacts of cases of tuberculosis.

<i>Areas.</i>	<i>Vaccinated before 1955.</i>	<i>Vaccinated during 1955.</i>	<i>Total.</i>
Sutton Coldfield M.B. ...	60	30	90
Nuneaton M.B.	143	79	222
Bedworth U.D.	63	36	99
Atherstone R.D.	30	16	46
Total ...	236	131	367
Rugby M.B.	51	40	91
Rugby R.D.	17	8	25
Total ...	68	48	116
Meriden R.D.	29	30	59
Tamworth R.D.	3	4	7
Total ...	32	34	66
Solihull M.B.	119	48	167
Leamington Spa M.B. ...	122	60	182
Warwick M.B.	77	41	118
Kenilworth U.D.	32	15	47
Southam R.D.	53	25	78
Warwick R.D.	35	21	56
Total ...	319	162	481
Stratford-on-Avon M.B. ...	27	19	46
Alcester R.D.	92	19	111
Shipston-on-Stour R.D. ...	16	6	22
Stratford-on-Avon R.D. ...	44	38	82
Total ...	179	82	261
TOTAL ...	1,013	535	1,548

TABLE 40.

TUBERCULOSIS CASES ASSISTED DURING 1955.

Area.		Free Extra Rations.				Bedding, Clothing, etc.			
		Men.	Women.	Child-ren.	Total.	Men.	Women.	Child-ren.	Total.
1. Sutton Coldfield	...	2	1	—	3	—	—	—	—
2. North Eastern	...	47	34	1	82	4	2	1	7
3. Eastern		51	16	3	70	12	4	—	16
4. North Western	...	29	4	—	33	9	4	—	13
5. Solihull		7	13	—	20	10	4	—	14
6. Central		59	26	2	87	12	3	—	15
7. Southern		21	15	3	39	6	7	—	13
TOTALS 1955	...	216	109	9	334	53	24	1	78
TOTALS 1954	...	207	114	13	334	62	23	4	89
TOTALS 1953	...	167	84	10	261	60	22	2	84

TABLE 41.

CARE AND AFTER-CARE.
LOAN SCHEME.

	Items issued in 1955.							Total items issued in					Items still on loan 31st Dec. 1955
	County Area Number.							1955	1954	1953	1952	1951	
	1	2	3	4	5	6	7						
Beds and Bedding.													
Beds, Hospital and other types ...	11	10	13	5	16	30	18	113	83	60	40	44	96
Beds, Air ...	—	—	1	—	—	—	—	1	1	1	—	1	—
Beds, Cot, Adult ...	—	—	1	—	—	—	—	1	6	3	—	—	1
Mattress, Dunlopillo	14	23	39	16	30	77	53	252	163	130	71	34	161
Mattress, other types	—	—	—	1	1	2	1	5	20	30	31	43	21
Pillows ...	14	10	18	—	8	11	21	82	56	36	30	40	75
Pillows, Dunlopillo ...	—	—	1	—	—	—	1	2	—	—	—	—	—
Blankets ...	6	18	34	14	15	25	36	148	92	85	85	51	216
Sheets ...	9	24	37	8	35	31	24	168	125	108	115	116	241
Pillow Cases ...	10	17	34	4	6	14	26	111	145	84	73	80	315
Pillow Cases, Plastic	—	2	—	—	—	—	6	8	2	—	—	—	14
Sheeting, Rubber, and Plastic, yds. ...	2	16	10	10	32	204	26	300	162	160	55	30	165
Mattress Covers ...	—	—	—	—	—	1	—	1	1	—	—	—	—
Bed Side Rails ...	2	—	—	—	6	2	6	16	3	—	—	—	7
Bed Accessories.													
Back Rests ...	14	11	5	21	13	77	14	155	139	83	56	36	101
Bed Pans ...	6	9	18	18	21	97	22	191	152	71	47	28	115
Bed Boards ...	2	2	2	3	1	10	9	29	9	10	12	5	19
Bed Blocks ...	—	—	—	—	—	2	2	4	3	6	2	2	2
Bed Tables ...	2	—	2	—	3	10	4	21	11	6	4	6	11
Bed Cradles ...	1	3	2	6	6	21	9	48	34	24	14	14	32
Bottles, Hot Water	—	2	—	—	—	—	—	2	—	—	—	2	2
Bottles, Urine ...	3	2	7	4	9	40	7	72	59	35	16	17	67
Poles, Lifting ...	4	1	3	3	5	12	12	40	36	11	20	22	40
Sheets, Draw ...	—	7	—	—	24	1	15	47	7	30	5	5	35
Syringe, Urethral ...	—	—	—	—	—	1	5	6	11	—	—	—	13
Orthopaedic Accessories.													
Carriage, Spinal ...	1	—	—	—	—	—	1	2	2	4	—	6	—
Chairs, Invalid ...	16	13	15	9	17	45	32	147	109	96	56	44	162
Crutches, pairs ...	—	—	—	—	1	1	1	3	7	3	—	4	7
Splints ...	—	—	—	—	—	—	—	—	2	—	—	—	—
Sticks, Walking ...	2	2	3	4	—	11	12	34	14	—	—	—	28
Chair, Bed use ...	1	—	—	—	—	—	—	1	—	—	—	—	—
Miscellaneous.													
Air Rings ...	3	1	15	14	12	41	5	91	87	59	16	20	48
Cushions, Dunlopillo	4	—	—	1	1	30	4	40	37	27	20	14	34
Commodore ...	18	6	8	1	25	33	15	106	60	35	16	5	84
Fireguards ...	—	4	—	—	—	2	—	6	6	2	1	1	11
Fires, Electric ...	—	—	—	—	—	—	1	—	1	—	—	—	—
Towels ...	—	—	—	—	—	2	—	2	—	15	—	6	8
Sandbags ...	—	—	—	—	4	—	—	4	2	2	2	—	2
Cups, Feeding ...	—	—	—	—	—	4	—	4	5	—	—	—	5
Bowls, Lotion ...	—	—	—	—	—	1	—	1	1	—	—	—	1
Facepieces for Gas/Air Apparatus ...	—	—	—	—	—	—	—	—	1	—	—	—	—
Heaters, Valor, Con- vector ...	—	—	—	—	—	—	—	—	2	—	—	—	2
Dishes, Kidney ...	—	—	—	—	—	1	—	1	—	—	—	—	—
Pails, c/w Lids ...	—	—	2	—	—	—	—	2	—	—	—	—	2

TABLE 42. NUMBER OF CASES ADMITTED TO CONVALESCENT HOMES
1955.

Area.				Men.		Women.		Pre-School Children.		Total.	
				No. of Cases.	Total Weeks.	No. of Cases.	Total Weeks.	No. of Cases	Total Weeks.	No. of Cases.	Total Weeks.
1. Sutton Coldfield	...			1	2	8	16	2	8	11	26
2. North Eastern	...			9	20	18	39	4	9	31	68
3. Eastern	...			6	18	10	30	—	—	16	48
4. North Western	...			1	3	5	12	—	—	6	15
5. Solihull	...			4	8	17	35	—	—	21	43
6. Central	...			2	6	17	41	—	—	19	47
7. Southern	...			7	16	9	23	—	—	16	39
Totals 1955	...			30	73	84	196	6	17	120	286
1954	...			51	124	108	284	8	37	167	445
1953	...			29	64	89	235	14	55	132	354
1952	...			38	122	77	218	9	60	124	400
1951	...			32	89	68	174	6	21	106	284
Average stay in weeks											
1955	...			2.4		2.3		2.8		2.4	
1954	...			2.4		2.6		4.6		2.7	
1953	...			2.2		2.6		3.9		2.7	
1952	...			3.2		2.8		6.6		3.2	
1951	...			2.7		2.5		3.5		2.6	

TABLE 43. HOME HELP SERVICE.
DEVELOPMENT SINCE 1950.

			Area.							County Total.
			* Sutton Coldfield	* North Eastern	Eastern	North Western	Solihull	* Central	* Southern	
Home Helps employed at 31st Dec.	Whole-time	1950	7	4	4	—	2	—	8	25
		1951	3	1	1	—	1	—	6	12
		1952	3	—	1	—	1	—	5	10
		1953	3	—	—	—	1	—	3	7
		1954	2	—	—	—	1	—	2	5
		1955	1	—	—	—	1	—	1	3
	Part-time	1950	16	11	22	8	13	32	20	122
		1951	17	31	17	13	9	41	28	156
		1952	24	39	18	10	18	44	26	179
		1953	20	53	28	10	17	48	23	199
		1954	27	76	33	28	21	48	30	263
		1955	33	78	34	31	29	61	48	314
Cases attended	Maternity	1950	108	13	51	10	86	43	25	336
		1951	109	4	37	17	83	20	40	310
		1952	84	16	21	28	69	29	17	264
		1953	95	14	42	27	103	21	19	321
		1954	75	25	30	16	93	47	12	298
		1955	85	24	24	24	104	52	17	330
	T.B.	1950	2	3	7	3	4	5	10	34
		1951	1	1	7	2	—	5	5	21
		1952	—	10	1	2	7	10	6	36
		1953	7	2	6	1	9	6	2	33
		1954	9	2	10	1	4	3	2	31
		1955	7	2	6	10	2	6	1	34
	Others	1950	159	29	92	12	120	75	44	531
		1951	156	45	96	27	75	124	79	602
		1952	180	84	87	36	94	127	80	688
		1953	219	119	125	39	120	134	106	862
		1954	230	176	165	38	144	166	149	1068
		1955	224	194	193	79	141	226	168	1225
	Total Cases	1950	269	45	150	25	210	123	79	901
		1951	266	50	140	46	158	149	124	933
		1952	264	110	109	66	170	166	103	988
		1953	321	135	173	67	232	161	127	1216
		1954	314	203	205	55	241	216	163	1397
		1955	316	220	223	113	247	284	186	1589

*Employing Home Help Organisers.

HOME HELP SERVICE (contd.)

TABLE 44.

SIZE OF SERVICE IN 1955.

Area and Population.	Average number of Home Helps.		Number of Home Help hours worked.	Calculated number of Home Help hours per 1,000 population.
	Full-time.	Part-time.		
Sutton Coldfield ... (50,630)	2	30	29,198	577
North-Eastern ... (107,960)	—	80	55,381	513
Eastern ... (67,960)	—	37	39,660	584
North-Western ... (59,710)	—	29	20,997	352
Solihull ... (75,740)	1	19	22,142	292
Central ... (100,210)	—	54	41,182	411
Southern ... (58,810)	1	40	34,292	583
TOTAL ... (521,000)	4	289	242,852	466

TABLE 45.

SHORT-TERM CASES HELPED IN 1955.

Area.	No. of domiciliary births, 1955.	Number of Cases.		Calculated number per 100,000 population.	
		Maternity.	Other.	Maternity.	Other.
Sutton Coldfield ...	193	83	108	164	213
North-Eastern ...	927	23	37	21	34
Eastern ...	295	23	61	34	90
North-Western ...	423	24	29	40	49
Solihull ...	278	104	117	137	154
Central ...	571	52	109	52	109
Southern ...	273	15	23	26	39
TOTAL ...	2,960	324	484	62	93

TABLE 46.

LONG-TERM CASES HELPED IN 1955.

Area.	Number of cases.			Calculated number per 100,000 population.		
	Under 65.	Over 65.		Under 65.	Over 65.	
		Illness.	Other.		Illness.	Other.
Sutton Coldfield ...	25	1	99	49	2	196
North-Eastern ...	16	—	144	15	—	134
Eastern ...	11	—	128	16	—	189
North-Western ...	16	5	39	27	8	65
Solihull ...	5	—	21	7	—	28
Central ...	25	12	88	25	12	88
Southern ...	11	—	137	19	—	233
TOTAL ...	109	18	656	21	4	126

NIGHT "SITTER-UP" SERVICE.

TABLE 47.

NO. OF CASES ASSISTED DURING 1955.

Area.	No. employed.	No. Cases Assisted.		Total working hours.
Central	2	Short-term	5	2,250
		Long-term	1	

VENEREAL DISEASES.

TABLE 48. NEW CASES DEALT WITH AT CLINICS DURING THE YEAR ENDED 31ST DECEMBER, 1955.

<i>Clinic.</i>	<i>Syphilis.</i>		<i>Gonorrhoea.</i>		<i>Total V.D.</i>		<i>Not Venereal Disease.</i>	
	M.	F.	M.	F.	M.	F.	M.	F.
Warneford Hospital	10	10	11	3	21	13	47	29
Coventry and Warwickshire Hospital	1	1	13	1	14	2	37	14
General Hospital, Birmingham ...	3	—	5	1	8	1	41	13
Hospital of St. Cross, Rugby ...	6	2	6	1	12	3	28	7
Nuneaton V.D. Clinic	3	6	9	1	12	7	58	10
TOTALS 1955	23	19	44	7	67	26	211	73
Totals for year 1954	21	26	51	7	72	33	236	101
1953	29	20	51	7	80	27	240	65
1952	22	32	54	13	76	45	237	99
1951	24	30	65	21	89	51	268	85
1950	56	42	68	14	124	56	308	108

TABLE 49. FOLLOW-UP OF REGISTERED BLIND AND PARTIALLY SIGHTED PERSONS DURING 1955.

	<i>Causes of Disability.</i>			
	<i>Cataract.</i>	<i>Glaucoma.</i>	<i>Retrolental Fibroplasia.</i>	<i>Others.</i>
(i) Number of cases registered during the year in respect of which para. 7 (c) of Forms B.D.8. recommends :—				
(a) No treatment	47	13	—	74
(b) Treatment (medical, surgical or optical)	35	7	—	43
(ii) Number of cases at (i) (b) above which on follow-up action have received treatment	11	2	—	13

TABLE 50. NEW CLAIMS FOR NATIONAL INSURANCE SICKNESS BENEFIT 1951-1955.

Figures supplied by the Ministry of National Insurance Midland Region. These totals cover new claims received by the National Insurance Offices for Sutton Coldfield, Nuneaton, Atherstone, Rugby, Leamington and Stratford-on-Avon.

	<i>Total number of new claims received</i>				
	1951	1952	1953	1954	1955
March Quarter	20,296	11,393	17,238	13,792	17,539
June Quarter... ..	8,576	8,226	9,435	9,776	9,934
September Quarter	7,318	7,458	7,745	8,386	8,100
December Quarter	9,142	10,424	10,290	12,339	11,627
Total	45,332	37,501	44,708	44,293	47,200

TABLE 51.

UPTAKE OF VITAMIN PRODUCTS.

AVERAGE WEEKLY ISSUE DURING 1955 and 1954.

Area and District.	Orange Juice.		Cod Liver Oil.		Vitamin A and D Tablets.	
	Av. weekly issue 1954	1955	Av. weekly issue 1954	1955	Av. weekly issue 1954	1955
1. SUTTON COLDFIELD M.B. ...	550	634	91	95	31	39
2. NORTH EASTERN. Nuneaton M.B. ... Atherstone R.D. ... }	718	834	193	184	58	72
3. EASTERN. Rugby M.B. ... Rugby R.D. ... }	800	868	170	167	50	60
4. NORTH WESTERN. Meriden R.D. ...	462	526	102	101	24	29
5. SOLIHULL M.B. ...	922	1,211	159	181	46	67
6. CENTRAL. Leamington Spa M.B. ... Warwick M.B. ... Kenilworth U.D. ... Southam R.D. ... Warwick R.D. ... }	814	1,034	168	185	49	75
7. SOUTHERN. Stratford-on-Avon M.B. ... and R.D. ... Alcester R.D. ... Shipston-on-Stour R.D. ... }	555	637	100	106	31	39

The 1954 figures are calculated on the distribution during the last six months of 1954, as complete figures for the first six months are not available.

TABLE 52. COUNTY AMBULANCE SERVICE.
DETAILS OF DEPOTS AND MILEAGE, 1955.

<i>Depot.</i>	<i>Staff.</i>		<i>Working Vehicles.</i>			<i>Total Mileage 1955.</i>	<i>Total Mileage 1954.</i>
	<i>S/L.</i>	<i>D/ Att</i>	<i>Amb.</i>	<i>Sitting Case Cars.</i>	<i>Clinic Type Vehicles.</i>		
1. SUTTON COLDFIELD Supt. E. TOWERS	3	15	3	2	—	85,186	76,818
2. NUNEATON. Bedworth Supt. : J. P. MELVIN GRENDON Supt. : S. BURNETT	3	18	6	2	1	132,997	147,511
	1	6	3	1	—	47,010	50,521
	3	16	6	2	—	149,342	153,212
3. RUGBY. Supt. : A. J. BURTON	3	16	5	2	—	114,657	118,945
4. COLESHILL Supt. : J. H. BOTTRILL	3	13	4	2	—	117,646	116,851
5. SOLIHULL Supt. : M. ROSS	3	18	6	2	1	158,459	154,964
6. WARWICK Supt. : G. D. WHITING	3	15	6	2	1	165,671	164,965
7. STRATFORD-ON-AVON Supt. : E. T. SAUL	3	15	6	2	—	141,403	145,781
RESERVE VEHICLES	—	—	1	—	—	—	—
COUNTY TOTALS ...	25	132	46	17	3	1,112,371	1,129,568

Bedworth—Day-time Service only.

The Area Medical Officers are District Ambulance Officers for Civil Defence.

COUNTY AMBULANCE SERVICE
TABLE 53. ANALYSIS OF TYPE OF CASE CARRIED—1955.
COUNTY AMBULANCE SERVICE AND W.V.S. HOSPITAL CAR SERVICE.

<i>Type of Case.</i>	<i>County Service.</i>		<i>W. V.S. Hospital Car Service.</i>	
	<i>Patients.</i>	<i>Mileage.</i>	<i>Patients.</i>	<i>Mileage.</i>
<i>Emergency.</i>				
Accident	5,582	50,338	—	—
Maternity	2,692	35,288	—	—
Others	6,407	79,775	—	—
Total	14,681	165,401	—	—
<i>Non-emergency.</i>				
Hospital Sick	139,530	862,156	4,494	69,466
Maternity	3,266	18,875	—	—
Infectious Diseases	1,995	22,682	—	—
School children	1,789	11,178	462	4,977
Other	3,010	14,256	—	—
Total	149,590	929,147	4,956	74,443
<i>Non-Patient carrying journeys</i>	—	17,823	—	1,228
Total	164,271	1,112,371	4,956	75,671

TABLE 54. AMBULANCE SERVICE. VEHICLE STATE (at time of going to press).

AMBULANCES	...	...	46
CLINIC VEHICLES		...	3
CARS	...	...	17
			—
Total	...	...	66
			—

YEAR OF MANUFACTURE.	AMBULANCES.					CLINIC VEHICLES.	CARS.
	Morris.	Bedford.	Commer.	Austin.	TOTAL.	Bedfor .	Austin.
1947 ...	1	—	—	—	1	—	—
1948 ...	4	—	2	10	16	—	—
1949 ...	3	—	4	6	13	—	—
1950 ...	3	5	—	—	8	1	—
1951 ...	1	6	—	—	7	1	10
1952 ...	—	1	—	—	1	1	5
1953 ...	—	—	—	—	—	—	2
1954 ...	—	—	—	—	—	—	—
1955 ...	—	—	—	—	—	—	—
TOTAL ...	12	12	6	16	46	3	17

TABLE 55. HEALTH DEPARTMENT VEHICLES.

Type.	Reg. No.	Use.	Driver.
Ford Pilot Saloon Car	KUE 114	Caravan towing	} E. W. BECKETT (Transport Depot).
Ford Pilot Saloon Car	KWD 389	Caravan towing	
Bedford Van	KUE 831	Care & after-care† and Nurses Equipment	Mrs. G. DEAN.
Ford Van	FWD 963	Portable Centre † Equipment	Miss E. D. TAYLOR.
Morris Van	PNX 940	Welfare Foods †	J. A. R. BOAG.

† The work of these vans can be interchanged.

MILK AND DAIRIES ADMINISTRATION.

The principal acts and regulations in force during 1955 relating to the production, processing and sale of milk, were as follows :—

Food and Drugs Act, 1938.

Food and Drugs (Milk and Dairies) Act, 1944.

Food and Drugs (Milk, Dairies and Artificial Cream) Act, 1950.

Milk and Dairies Regulations, 1949-1954.

Milk (Special Designation) (Raw Milk) Regulations, 1949-1954.

Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949-1953.

Milk (Special Designations) (Specified Areas) Orders, 1952, 1954, 1955 and 1955 (No. 2).

In addition, there are various amendments and other minor regulations and circulars from the Ministries of Agriculture, Food and Health.

Food and Drugs Acts, 1938-1950.

Specified Areas.

The areas of the Borough of Stratford-upon-Avon and the Rural Districts of Alcester and Stratford-on-Avon became specified areas on the 21st March, 1955. The Rural Districts of Atherstone and Tamworth became specified areas under the 1955 (No. 2) Order of the 6th December, 1955. These areas, together with those already specified under previous Orders, now comprise about 82% of the population of the County.

The effect of the Orders is that all dairymen who retail milk in any part of these areas must sell the milk under special designation, irrespective of whether the premises from which the milk is retailed, are inside or outside the area. The special designations authorised are " Pasteurised," " Sterilised " and " Tuberculin Tested " milks.

Food and Drugs (Milk, Dairies and Artificial Cream) Act, 1950.

Section 8. Tuberculous and Other Infected Milk.

Milk sampling for biological examination has proceeded during the year according to the scheme agreed with County District Authorities during 1950, and referred to in the Annual Report for that year.

Due to difficulties beyond our control in the laboratory, the number of results available were reduced, and for two periods during the year sampling had to be restricted owing to epidemics in the animal house. As the result of these events, the number of results from biological sampling were less this year than in previous years.

The volume of milk subject to pasteurisation and the number of Attested herds and licences for " Tuberculin Tested " milk continue to increase, and our efforts are mainly directed to the sources of supply where the risk still remains.

Table I. FOOD AND DRUGS (MILK, DAIRIES & ARTIFICIAL CREAM) ACT, 1950.
SECTION 8.

TUBERCULOUS MILK INVESTIGATIONS—ROUTINE MILK SAMPLES FOR BIOLOGICAL
EXAMINATION DURING THE YEAR 1955.

NO. OF SAMPLES.

Area.	County District in which sample was taken.	Past- eurised.		Tuberculin Tested. (Past).		Tuberculin Tested.		Non- designated.	
		Total.	No. Pos.	Total.	No. Pos.	Total.	No. Pos.	Total.	No. Pos.
1. Sutton Coldfield.	Sutton Coldfield M.B.	4	nil.	—	—	31	nil.	55	2
2. North Eastern.	Nuneaton M.B.	—	—	—	—	6	nil.	10	1
	Bedworth U.D.	2	nil.	—	—	2	nil.	4	nil.
	Atherstone R.D.	—	—	—	—	7	nil.	43	2
3. Eastern.	Rugby M.B.	24	nil.	—	—	8	nil.	14	nil.
	Rugby R.D.	2	nil.	—	—	21	nil.	66	4*
4. North Western.	Meriden R.D.	2	nil.	1	nil.	7	nil.	45	2
	Tamworth R.D.	3	nil.	2	nil.	9	nil.	44	3
5. Solihull.	Solihull M.B.	1	nil.	2	nil.	—	—	10	nil.
6. Central.	Leamington Spa M.B.	—	—	—	—	—	—	1	nil.
	Warwick M.B.	1	nil.	—	—	1	—	—	—
	Kenilworth U.D.	1	nil.	—	—	2	—	3	—
	Southam R.D.	—	—	—	—	8	—	66	1
	Warwick R.D.	—	—	—	—	11	—	18	1
7. Southern.	Stratford-upon-Avon M.B.	1	nil.	1	nil.	—	—	2	nil.
	Alcester R.D.	4	nil.	4	nil.	3	nil.	11	nil.
	Shipston-on-Stour R.D.	—	—	—	—	14	nil.	48	2
	Stratford-on-Avon R.D.	—	—	3	nil.	8	nil.	34	nil.
TOTALS ...		45	nil.	13	nil.	138	nil.	474	18
Total of 670 samples.									

Table II. FOOD AND DRUGS (MILK, DAIRIES & ARTIFICIAL CREAM) ACT, 1950.
SECTION 8.

RESULTS OF INVESTIGATIONS OF TUBERCLE—INFECTED MILK SUPPLIES DURING
THE YEAR 1955.

Area.	County District in which infection occurred.	No. of investiga- tions.		Cows examined.		Milk samples for diagnostic purposes.		Cows slaughtered under T.B. Order.		Cows removed from herds during invest- igations, and which may have been infected.	
		A	B	A	B	A	B	A	B	A	B
1. Sutton Cold- Coldfield.	Sutton Coldfield M.B.	1	3	20	47	3	11	1	3	—	—
2. North Eastern.	Nuneaton M.B.	1	—	28	—	4	—	—	—	—	—
	Bedworth U.D.	—	—	—	—	—	—	—	—	—	—
	Atherstone R.D.	2	4	27	69	7	13	3	2	2	—
3. Eastern.	Rugby M.B.	—	—	—	—	—	—	—	—	—	—
	Rugby R.D.	3*	—	49	—	9	—	2	—	—	—
4. North Western.	Meriden R.D.	2	5	57	109	12	30	2	5	—	—
	Tamworth R.D.	3	3	45	74	15	28	2	3	—	—
5. Solihull.	Solihull M.B.	—	—	—	—	—	—	—	—	—	—
6. Central.	Leamington Spa M.B.	—	—	—	—	—	—	—	—	—	—
	Warwick M.B.	—	—	—	—	—	—	—	—	—	—
	Kenilworth U.D.	—	—	—	—	—	—	—	—	—	—
	Southam R.D.	1	—	21	—	5	—	—	—	—	—
	Warwick R.D.	1	—	10	—	2	—	1	—	—	—
7. Southern.	Stratford-upon-Avon M.B.	—	—	—	—	—	—	—	—	—	—
	Alcester R.D.	—	2	—	24	—	5	—	1	—	—
	Shipston-on-Stour R.D.	2	—	41	—	12	—	1	—	—	—
	Stratford-on-Avon R.D.	—	—	—	—	—	—	—	—	—	—
	TOTALS ...	16	17	298	323	69	87	12	14	2	—
		33		621		156		26		2	

A — Cases found on routine sampling in the County.
 B — Cases reported by neighbouring County Authorities.
 * — On the day the sample was confirmed positive Foot and Mouth Disease
 was also confirmed on the farm and the whole herd was destroyed.

From Table 1 it will be observed that a total of 670 results on samples submitted for biological examination were received from the laboratory of which 196 were from designated milks with no positive results, and 474 from non-designated milks from which 18 gave positive results to tubercle infection.

The 18 infected milks from non-designated supplies represented 3.8% found as the direct result of routine sampling, and compares with 3.7% in 1954, 2% in 1953, 5.1% in 1952, 3.5% in 1951 and 2.3% in 1950.

The 18 infected milk samples, together with 17 notifications of infected milk received from neighbouring County Authorities, gave rise to a total of 33 veterinary investigations during the year, the details and results of which are summarised in Table 2.

The co-operation between the Divisional Veterinary Officer's Department and mine in making these investigations continues to be excellent, and is much appreciated.

Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949-1953.

Dealers' (Pasteurisers') Licences for twelve dairies, and a Dealer's (Steriliser's) licence for one dairy, were granted for the year 1955.

Each licensed dairy was visited at frequent intervals, and the records, temperature charts and methods in the dairy observed. Samples were submitted to the prescribed tests with the results stated below :—

SAMPLES FROM LICENSED PASTEURISING AND STERILISING PLANTS.

Code No. of Dairy.	No. of Milk Samples :—		No. of Fail- ures.	Test failed :—		
	Past- eurised.	Steri- lised.		Pasteurised.		
				Phosph : and M.B.	Phosph : only.	M.B. only.
2/10/2	51	—	1	Nil.	1	Nil.
3/4/2	49	—	1	Nil.	Nil.	1
4/1/1	96	—	1	Nil.	1	Nil.
4/1/1	—	49*	Nil.	—	—	—
4/1/2	97	—	Nil.	—	—	—
4/3/1	100	—	1	Nil.	1	Nil.
6/11/1	66	—	2	Nil.	1	1
6/18/2	46	—	6	1	2	3
7/7/1	51	—	Nil.	—	—	—
7/7/2	8	—	Nil.	—	—	—
7/7/3	28	—	Nil.	—	—	—
7/8/1	99	—	2	Nil.	2	Nil.
7/8/2	92	—	Nil.	—	—	—
7/16/1	100	—	1	Nil.	1	Nil.
TOTALS	883	49	15	1	9	5

* Turbidity test only.

The phosphatase test, which is designed to demonstrate the efficiency of pasteurisation, failed in ten instances out of a total of 883 samples. This equals 1.13% failure as compared with 0.3% in 1954, 1.77% in 1953, 1.37% in 1952, 1.98% in 1951 and 4% in 1950.

The methylene blue test is a " keeping quality " test, and of the 883 samples submitted to this test, 6 failed.

All samples of Sterilised milk satisfied the turbidity test, which is a test designed to show the efficiency of the process.

The results as a whole show a slight decline on the remarkably good results of the previous year, but still show a good achievement on the part of the licensed dairies in the County.

Milk in Schools Scheme.

Milk is supplied free of charge for pupils in grant-aided schools, the source and quality of which must be approved by the County Medical Officer of Health. All supplies are now

arranged on a contract basis, and contracts are placed after careful scrutiny of tenders by the Education and Health Departments.

Sources and quality of milk, together with reliable service, are very important and to a great extent are known to my Department from the routine supervision of dairies referred to elsewhere in this report. No difficulties have yet been experienced with this system and some advantages have been found.

Reference to the following table will show that only designated milks are supplied to schools.

Supervision by my Department includes visits to dairies and schools, and the examination of milk supplies and tenders for supplies. All supplies of milk to schools are the subject of visits and samples at least once in every school term, and the following is a summary of the number of schools, suppliers and designation of milk supplies, together with the number of samples taken during the year :—

<i>Designation of milk supplied.</i>	<i>No. of</i>			
	<i>Schools.</i>	<i>Suppliers.</i>	<i>Samples.</i>	<i>Unsatisfactory samples.</i>
Pasteurised	384	68	802	26
“ Tuberculin Tested ... (Pasteurised) ”	3	1	11	Nil.
“ Tuberculin Tested ”	10	10	45	3
TOTALS ...	397	79	858	29

It will be observed that 3.38% of all milk samples were classed as “ unsatisfactory,” compared with 6.75% in 1954, 13.5% in 1953, 10.1% in 1952, 8.8% in 1951 and 20% in 1950.

For convenience and economy the majority of samples are taken after delivery and, therefore, under the most exacting conditions.

Details of the school milk samples classed as “ unsatisfactory ” are appended below :—

<i>Designation of Sample.</i>	<i>Total No. of Samples</i>	<i>Number failed.</i>			
		<i>Meth : Blue and Phosph. Tests.</i>	<i>Phosph. Test only.</i>	<i>Meth : Blue ½-hr. Test for Past. Milk.</i>	<i>Meth : Blue 4½/5½ hr. Test for T.T. and other Milks.</i>
Pasteurised Milk	802	—	2 (.24%)	24 (2.9%)	—
“ Tuberculin Tested ” Milk ...	45	—	—	—	3 (6.6%)

General.

Many factors come under consideration in our Milk and Dairies administration which are not referred to in detail. One of these, namely, bottle-washing, is considered worthy of mention since time has been devoted to it during the past three or four years. There are no legal standards applicable, but two advisory standards are available, one used by the National Milk Testing Advisory Service and one recommended by the Public Health Laboratory Service. The tests differ in technique and in standard, but they are probably similar in the results they seek to obtain.

Over a period of three or four years very substantial improvements in the quality of bottle-washing have been achieved in all the dairies under our control, and during the past year the standard of bottle-washing in the dairies as a whole has been in advance of that recommended by the Public Health Laboratory Service which is the technique and test we use.

Miscellaneous.

Samples of milk were taken on behalf of the Ministry of Health from hospital dairy farms (11) ; from supplies made under contract to hospitals on behalf of the Regional Hospital Board (67) ; and for various enquiries necessary in the Department (77) ; a total of 155 during the year.

MENTAL HEALTH.

1 *Administration.*

(1) *Constitution and Meetings of Mental Health Sub-Committee.*

The Committee responsible for the administration of the functions of the Council relating to the mental health service is the Mental Health Services Sub-Committee of the Health Committee. Meetings of the Sub-Committee have been held at quarterly intervals during the year.

(2) *Staff employed in the Mental Health Service.*

The Chief Administrative Officer of the Mental Health Services Sub-Committee is Mr. H. J. KOTCH, the Mental Health Officer, and he has supplied this section of my report. Dr. HENRY BROUGHAM LEECH, B.A., B.Ch., M.D., B.A.O., has continued to act as Medical Adviser to the Committee, while the medical staff of this Department have also been available when required in connection with the Mental Health Service.

Eleven officers of the Council are authorised to act as Duly Authorised Officers for the purposes of the Lunacy & Mental Treatment Acts. Nine of these officers are located in the seven areas of the County and two at headquarters.

The visitation of mental defectives in the County is undertaken by a female Visitor and by a Duly Authorised Officer at headquarters. This Duly Authorised Officer also acts as Petitioning Officer for the purpose of the Mental Deficiency Acts.

At two of the Council's Occupation Centres, the training is undertaken by a Supervisor and an Assistant Supervisor, with part-time assistance for domestic duties and guiding the patients where necessary. At the third Centre, a second Assistant Supervisor was appointed during the year.

Two home teachers are also employed for the training of mentally defective children.

(3) *Co-ordination with Regional Hospital Boards and Hospital Management Committees.*

Patients who have been licensed from mental deficiency hospitals to addresses within the County have been supervised on behalf of the various Hospital Management Committees. At the end of 1955, there were 51 defectives on licence under supervision in the County.

Visits are also made by the Council's officers for the purpose of providing reports to mental deficiency hospitals upon the home circumstances of patients in connection with holidays, licence and the reconsideration of Orders for detention etc.

(4) *Training of Staff.*

Arrangements were made during the year for three members of the staff of the Council's Occupation Centres to attend a refresher course.

2 *Work undertaken in the Community.*

(1) *National Health Service Act, 1946: Prevention, Care and After-Care.*

The Birmingham Regional Hospital Board have continued to provide and staff psychiatric out-patient clinics at various hospitals in the County.

The social workers on the staff of the Central Hospital, Hatton, have undertaken the care of patients discharged from that Hospital, but after-care visits have been undertaken by the Council's Duly Authorised Officers in connection with 128 cases discharged from other hospitals during the year.

(2) *Lunacy and Mental Treatment Acts, 1890-1930—Work undertaken by Duly Authorised Officers.*

The following is a summary of the cases dealt with by the Duly Authorised Officers in the County during the year :—

Patients dealt with under the Lunacy Acts	...	...	...	...	246
Patients dealt with under Section 1 of the Mental Treatment Act, 1930					
(Voluntary Treatment)	...	...	...	...	240
Patients dealt with under Section 5 of the Mental Treatment Act, 1930					
(Temporary Treatment)	...	...	...	...	12

(3) *Mental Deficiency Acts, 1913-1938.*

(i) *Ascertainment.*

The School Medical Services continue to bring to notice the majority of cases reported to the Local Health Authority, although other cases are reported through the psychiatric out-patient clinics, the courts and other social workers.

(a) *Number of defectives.*

The number of defectives ascertained as at the 31st December, 1955, excluding patients maintained in, or on licence from hospitals, was as follows :—

	M.	F.	T.
Under guardianship	25	29	54
In "places of safety"	1	—	1
Under statutory supervision	217	205	422
Under voluntary supervision	82	62	144
Under investigation	6	15	21
	331	311	642

(b) *Cases reported during the year.*

There were 77 new cases reported to the Committee during the year and these were dealt with as follows :—

	M.	F.	T.
Admitted to institutions	7	4	11
Placed under guardianship	—	—	—
Placed under statutory supervision	24	20	44
Placed under voluntary supervision	3	1	4
No action necessary	1	—	1
Remaining under investigation at end of year ...	3	14	17
	38	39	77

(c) *Defectives awaiting vacancies in Institutions.*

The number of mentally defective patients awaiting admission to institutions continues to increase, the number on the waiting list at the end of the year being 81. Many of these cases are of an urgent nature and it is becoming increasingly difficult to deal with even the most urgent cases.

(ii) *Guardianship.*

There were 54 Warwickshire patients under guardianship at the end of the year. These patients are visited in accordance with the Mental Deficiency Regulations by the Committee's officers and in addition medical visits were undertaken by the Committee's Medical Adviser at least once during the year.

(iii) *Training.*

The Council's Occupation Centres at Nuneaton, Rugby and Warwick continued to function satisfactorily. At the end of 1955 there were 80 patients on the registers of the three Centres.

Although the Committee have in mind the opening of an additional Occupation Centre in the Solihull area, and possibly at Sutton Coldfield, it was unfortunately not possible to proceed with either of these projects during the year. Although it is appreciated that the provision of home teaching fails to provide many of the benefits available from Occupation Centres, two home teachers have been appointed to undertake the training of mentally defective children in their own homes until Centres can be provided. 50 children are covered by this scheme.

AREA MEDICAL OFFICERS.

<i>Area.</i>		<i>Districts covered.</i>	<i>Name and Address of Area Medical Officer.</i>	<i>Telephone No.</i>	
Sutton Coldfield	...	Borough of Sutton Coldfield	Dr. J. R. PRESTON, The Council House, Sutton Coldfield.	Sutton Coldfield 4401.	
North Eastern	...	Borough of Nuneaton Bedworth Urban District Atherstone Rural District	Dr. J. H. BRISCOE- SMITH, The Council House, Nuneaton.	Nuneaton 2201.	
Eastern	..	...	Borough of Rugby Rugby Rural District.	Dr. D. J. JONES, Albert House, Albert Street, Rugby.	Rugby 3374.
North Western	...	Meriden Rural District Tamworth Rural District	Dr. R. S. McELROY, 2, Park Road, Coles- hill.	Coleshill 2331.	
Solihull	...	...	Borough of Solihull	Dr. I. M. McLACHLAN, 69, New Road, Solihull.	Solihull 3041
Central	...	...	Borough of Royal Leaming- ton Spa Borough of Warwick Kenilworth Urban District Southam Rural District Warwick Rural District	Dr. F. D. M. LIVING- STONE, 38, Holly Walk, Leamington Spa.	Leamington Spa 2998
Southern	...	...	Borough of Stratford-on-Avon Alcester Rural District Shipston-on-Stour Rural District Stratford-on-Avon Rural District	Dr. J. B. BRAMWELL, Health Department, Arden Street, Stratford-on-Avon.	Stratford-on-Avon 3239.

BRIEF DETAILS OF COUNTY HEALTH SERVICES AVAILABLE TO THE GENERAL PUBLIC.

Ambulances.	Usually ordered by medical practitioner or hospital. In " <i>emergencies</i> " only, members of the public may call for an ambulance and any telephone exchange will connect them to the nearest ambulance depot.
Ante-natal and Post-natal Clinics.	The addresses and times of all such clinics are given on page 41.
Child Minders.	Persons having the care of more than two children under five, for reward, must apply to the County Medical Officer of Health for registration.
Child Welfare Centres.	The addresses and times of all such centres are shown on page 38.

Convalescent Treatment.	A period of recuperative convalescence may be arranged for persons whose doctors consider they need it. Patients are required to contribute towards the cost of such convalescence in accordance with their means. Requests for this service must be made by the patient's family doctor or hospital and addressed to the County Medical Officer of Health, Shire Hall, Warwick. All requests must be accompanied by brief medical details of the case.
District Nurses.	Cover all districts for nursing the sick of all ages in their own homes. Addresses and telephone numbers are shown in telephone directories under the heading " <i>Nursing Service</i> " <i>Warwickshire County Council</i> .
Health Visitors.	Are appointed to cover all districts, to give advice about the care of mothers and young children and social problems affecting any member of the family. They act as school nurses and T.B. health visitors.
Home Helps.	This service exists to provide help in the home when the mother is ill or is being confined at home, or when required by lone or aged and infirm persons. The charge for this service at present is 3/0d. per hour, but this may be remitted, wholly or partially, according to means. Application should be made to the Area Medical Officer (address on page 68).
Loan of Nursing and sick room requisites.	A wide range of articles is available for loan to households where there is a sick person. Usually the patient's hospital or medical practitioner will arrange any necessary loan, but personal application may be made to the Area Medical Officer (address on page 68). There is no charge for this service.
Maternity Outfits.	Are supplied in all cases of domiciliary confinement. Midwives distribute them from their stock to all booked cases. Where private midwives are engaged application for outfits must be made to the County Medical Officer, Shire Hall, Warwick, and a certificate of pregnancy signed by the patient's doctor must be enclosed.
Midwives.	Are appointed to cover all districts for the conduct of home confinements. Addresses and telephone numbers are shown in telephone directories under the heading—" <i>Nursing Service</i> " <i>Warwickshire County Council</i> .
Occupational Therapy.	A scheme has been introduced by the Health Committee whereby persons confined to bed or to their homes, suffering from injury or illness of some months duration, or from tuberculosis, may be supplied with materials with which to occupy their time in making various articles of their choice. Materials supplied at cost price but may be free in necessitous cases. This scheme <i>does not</i> apply to cases of permanent disablement through injury or illness (other than tuberculosis). Enquiries should be addressed to the local District Nurse, the Health Visitor at the nearest Welfare Centre, or to the Area Medical Officer (address on page 68).
Private Nursing and Maternity Homes.	Persons desiring to open private nursing and/or maternity homes must first apply for registration to County Medical Officer of Health, Shire Hall, Warwick.
The Illegitimate Child and its Mother.	The Health Committee employs a Social Worker whose duties include the giving of assistance and advice where such is needed by mothers of illegitimate children. A small Ante-natal and Post-natal Hostel is also maintained by the Committee in which, in certain cases, mothers may be sheltered for a short time before and, if necessary, after the birth of an illegitimate child. Enquiries should be addressed to the County Medical Officer of Health, Shire Hall, Warwick, at the earliest possible date before confinement is due.

Tuberculosis.	There are Chest Clinics in most Areas of the County (for addresses see page 47). Patients attend these Clinics on the recommendation of their family doctors.
<i>Extra Nourishment for T.B. patients.</i>	Additional supplies of milk, eggs and butter may be supplied free of cost to tuberculous patients who cannot afford to pay for these items themselves. Application for this type of assistance should be made to the Chest Clinic (address on page 47).
<i>Garden Shelters for T.B. patients.</i>	In suitable cases the Health Committee will lend and erect, without charge, an outdoor shelter so that the patient may live almost entirely in the open air. Applications or enquiries should be addressed to the Area Medical Officer (address on page 68).
Vaccination and Immunisation.	Parents who desire their children to be immunised against Diphtheria and/or vaccinated against Smallpox and Whooping Cough, should apply to their family doctor, their nearest Welfare Centre (address on page 44) or to the Area Medical Officer (address on page 68). Enquiries about vaccination against Poliomyelitis should be addressed to the Area Medical Officer.
Welfare Foods.	(National Dried Milk, orange juice and cod liver oil). The principal distribution points are the child welfare centres listed on page 44. Information about other distribution points may be obtained from the Area Medical Officer (address on page 68).
General County Health Services.	General queries not covered by the above should be referred to the County Medical Officer of Health, Shire Hall, Warwick.

